



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA



2023

SUKU KEEMPAT

FOURTH QUARTER

**STATISTIK PERLOMBONGAN
PETROLEUM DAN GAS ASLI**

*MINING OF
PETROLEUM AND NATURAL GAS STATISTICS*

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

STATISTIK PERLOMBONGAN PETROLEUM DAN GAS ASLI MINING OF PETROLEUM AND NATURAL GAS STATISTICS

SUKU KEEMPAT 2023 FOURTH QUARTER

Diterbitkan pada : **15 MAC 2024**
Released on **MAC**

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal <https://open.dosm.gov.my>.

DOSM akan menjalankan Banci Pertanian pada tahun 2024. Mohon layari <https://www.myagricensus.gov.my> untuk maklumat lanjut. Tema adalah "Banci Pertanian, Kunci Kemajuan Pertanian".

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan".

Pangkalan Data Utama (PADU) telah diluncurkan pada 2 Januari 2024. PADU mengandungi profil individu dan isi rumah meliputi warganegara dan pemastautin tetap di Malaysia. Matlamat utama PADU untuk memastikan rakyat Malaysia tidak tercicir daripada setiap inisiatif berpaksikan rakyat yang dilaksanakan oleh Kerajaan. Dimohon kerjasama untuk mendaftar dan mengemaskini PADU sebelum atau pada 31 Mac 2024. Sila layari <https://www.padu.gov.my> bagi maklumat lanjut berkaitan PADU atau menghubungi talian *hotline* berikut:

- i) Jabatan Perangkaan Malaysia : 1-800-88-7720 /1-800-88-7721
- ii) Pertanyaan secara online melalui SISPAA: <https://padu.spab.gov.my>.

Announcement

The Department of Statistics Malaysia (DOSM) has launched OpenDOSM NextGen as a medium that provides a catalog of data and visualisations to facilitate users' analysis of various data and can be accessed through <https://open.dosm.gov.my>.

DOSM will conduct the Agricultural Census in 2024. Please visit <https://www.myagricensus.gov.my> for more information. The theme is "Agriculture Census, Key to Agricultural Development".

The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20th each year. MyStats Day theme is "Statistics is the Essence of Life".

The Central Database (PADU) was launched on 2 January 2024. PADU contains individual and household profiles covering citizens and permanent residents of Malaysia. The main goal of PADU is to ensure that Malaysians are not left behind from citizen centric initiatives implemented by the Government. Your kind cooperation is requested to register and update PADU by 31 March 2024. Please visit <https://www.padu.gov.my> for more information related to PADU or contact the following hotlines:

- i) Department of Statistics Malaysia : 1-800-88-7720 /1-800-88-7721*
- ii) Online Enquiries through SISPAA: <https://padu.spab.gov.my>.*

**JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA**

Diterbitkan dan dicetak oleh / *Published and printed by:*

Jabatan Perangkaan Malaysia

Department of Statistics, Malaysia

Blok C6 & C7, Kompleks C,

Pusat Pentadbiran Kerajaan Persekutuan

62514 Putrajaya,

MALAYSIA

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| Portal | : https://www.dosm.gov.my |
| Facebook/Twitter/ Instagram/ Youtube | : StatsMalaysia |
| Emel/ <i>Email</i> | : info@dosm.gov.my (pertanyaan umum/ <i>general enquiries</i>) data@dosm.gov.my (pertanyaan & permintaan data/ <i>data request & enquiries</i>) |
| Harga/ <i>Price</i> | : RM25.00 |

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“Sumber: Jabatan Perangkaan Malaysia”.

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ISSN: 3009-0695



Statistik Perlombongan Petroleum dan Gas Asli merupakan penerbitan yang menghimpunkan pelbagai statistik keluaran DOSM, serta statistik yang diperolehi daripada agensi yang berkaitan seperti PETRONAS dan Malaysia Thailand Joint Authority (MTJA) bagi suku keempat 2023. Inisiatif untuk menerbitkan statistik ini secara suku tahunan adalah untuk memenuhi permintaan yang semakin meningkat bagi statistik perlombongan petroleum dan gas asli yang komprehensif secara berkala.

Penerbitan ini mengandungi statistik pengeluaran, jualan, harga, eksport dan import berkaitan minyak mentah & kondensat dan gas asli. Selain itu, indikator makroekonomi yang merangkumi Keluaran Dalam Negeri Kasar (KDNK), Indeks Pengeluaran Perindustrian (IPP), Indeks Harga Pengeluar (IHPR) serta statistik guna tenaga dan produktiviti buruh turut dilaporkan dalam penerbitan ini. Statistik ini boleh membantu agensi kerajaan, ahli ekonomi, ahli akademik serta individu bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi dan unjuran serta dapat membantu merancang pembangunan perniagaan.

Laporan ini dibahagikan kepada tiga bahagian. Bahagian pertama memaparkan infografik dan ringkasan penemuan bagi keseluruhan industri minyak mentah dan gas asli, manakala bahagian kedua memuatkan jadual statistik terperinci. Aspek teknikal seperti sumber data, konsep & definisi serta pembolehubah utama yang digunakan diterangkan di bahagian ketiga bagi memudahkan pengguna memahami statistik yang diterbitkan.

DOSM merakamkan setinggi-tinggi penghargaan atas kerjasama dan sumbangan yang diberikan oleh semua pihak dalam menayakan penerbitan ini. Pandangan dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Mac 2024



The Mining of Petroleum and Natural Gas Statistics is a report which assembles various statistics released by DOSM, as well as statistics obtained from relevant agencies such as PETRONAS and Malaysia Thailand Joint Authority (MTJA) for the fourth quarter of 2023. The initiative to publish these statistics on a quarterly basis is to fulfil the rising demand for frequent and comprehensive mining of petroleum and natural gas statistics.

This publication provides statistics on production, sales, prices, exports and imports of crude oil & condensate and natural gas. In addition, macroeconomic indicators which include Gross Domestic Product (GDP), Industrial Production Index (IPI), Producer Price Index (PPI) as well as employment and labour productivity statistics are also reported in this publication. These statistics could assist government agencies, economists, academicians, as well as individuals in the planning and formulation of policies, economic analysis and projections as well as for business development planning.

This report is divided into three parts. The first part highlights the infographic and summary of findings for the overall crude oil and natural gas industry, while the second part contains detailed statistical tables. Technical aspects such as sources of data, concepts & definitions and the main variables used are explained in the third part to assist users in understanding the published statistics.

DOSM gratefully acknowledges the cooperation and contribution rendered by all parties in making this publication a success. Every feedback and suggestion towards improving future publication is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN
Chief Statistician, Malaysia

March 2024



Simbol dan singkatan berikut telah digunakan dalam keseluruhan penerbitan:
The following symbols and abbreviations have been used throughout the publication:

| | | |
|-------------------|---|--|
| - | : | tiada / <i>nil</i> |
| % | : | peratus / <i>percentage</i> |
| & | : | dan / <i>and</i> |
| bbf | : | <i>Barrel</i> |
| BCF | : | Bilion Kaki Padu / <i>Billion Cubic Feet</i> |
| dll / n.e.c | : | dan lain-lain / <i>not elsewhere classified</i> |
| IHPR / <i>PPI</i> | : | Indeks Harga Pengeluar / <i>Producer Price Index</i> |
| IPP / <i>IPI</i> | : | Indeks Pengeluaran Perindustrian / <i>Industrial Production Index</i> |
| IRIS | : | <i>International Recommendation for Industrial Statistics</i> |
| KDNK / <i>GDP</i> | : | Keluaran Dalam Negeri Kasar / <i>Gross Domestic Product</i> |
| LNG | : | Gas Asli Cecair / <i>Liquefied Natural Gas</i> |
| LPG | : | Gas Petroleum Cecair / <i>Liquefied Petroleum Gas</i> |
| MMSCF | : | (Juta) Kaki Padu Standard / <i>(Million) Standard Cubid Feet</i> |
| MSCF | : | (Ribu) Kaki Padu Standard / <i>(Thousand) Standard Cubid Feet</i> |
| MSIC | : | Piawaian Klasifikasi Industri Malaysia / <i>Malaysia Standards Industrial Classification</i> |
| MTJA | : | Malaysia Thailand Joint Authority |
| n.a. | : | Tidak berkaitan / <i>Not applicable</i> |
| NYMEX | : | New York Mercantile Exchange |
| Q | : | Suku tahun / <i>Quarter</i> |
| QoQ | : | Suku tahun ke suku tahun / <i>Quarter-on-Quarter</i> |
| RM | : | Ringgit Malaysia / <i>Malaysian Ringgit</i> |
| USD | : | <i>US Dollar</i> |
| WALP | : | <i>Weighted Average Lifting Price</i> |
| WTI | : | West Texas Intermediate |
| YoY | : | Tahun ke tahun / <i>Year-on-Year</i> |

NOTA / NOTE:

Jumlah angka komponen mungkin tidak bersamaan dengan angka jumlah kecil atau jumlah besar disebabkan pembundaran.

The sum of the component figures may not tally with the sub-total or total figures due to rounding.



| | | | Muka surat Page |
|---|--|---|--------------------|
| Kata Pengantar <i>Preface</i> | | | i |
| Simbol & Singkatan <i>Symbols & Abbreviations</i> | | | iii |
| Kandungan <i>Content</i> | | | iv |
| Bahagian <i>Part</i> | 1 | : Ringkasan Penemuan <i>Summary of Findings</i> | 1 |
| Bahagian <i>Part</i> | 2 | : Jadual Statistik <i>Statistical Tables</i> | 21 |
| Segmen <i>Segment</i> | A | : Pengeluaran, Jualan dan Harga <i>Production, Sales and Prices</i> | |
| 1a | Pengeluaran Minyak Mentah & Kondensat dan Gas Asli - Tahunan <i>Production of Crude Oil & Condensate and Natural Gas - Annually</i> | | 22 |
| 1b | Pengeluaran Minyak Mentah & Kondensat dan Gas Asli - Suku Tahunan <i>Production of Crude Oil & Condensate and Natural Gas - Quarterly</i> | | 23 |
| 2a | Harga Minyak dan Gas - Tahunan <i>Price of Oil and Gas - Annually</i> | | 24 |
| 2b | Harga Minyak dan Gas - Suku Tahunan <i>Price of Oil and Gas - Quarterly</i> | | 25 |
| 3a | Pengeluaran Produk Petroleum Bertapis - Tahunan <i>Production of Refined Petroleum Products - Annually</i> | | 26 |
| 3b | Pengeluaran Produk Petroleum Bertapis - Suku Tahunan <i>Production of Refined Petroleum Products - Quarterly</i> | | 27 |
| 4a | Nilai Jualan Berkaitan Produk Petroleum - Tahunan <i>Sales Value of Related Petroleum Products - Annually</i> | | 28 |
| 4b | Nilai Jualan Berkaitan Produk Petroleum - Suku Tahunan <i>Sales Value of Related Petroleum Products - Quarterly</i> | | 29 |
| Segmen <i>Segment</i> | B | : Eksport dan Import <i>Exports and Imports</i> | |
| 5a | Nilai Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan <i>Export Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually</i> | | 30 |
| 5b | Nilai Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan <i>Export Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly</i> | | 31 |



| | | Muka surat <i>Page</i> |
|------------|---|----------------------------------|
| 6a | Volum Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan <i>Export Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually</i> | 32 |
| 6b | Volum Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan <i>Export Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly</i> | 33 |
| 7a | Nilai Eksport Petroleum Mentah dan Kondensat mengikut Negara Destinasi - Tahunan <i>Export Value of Crude Petroleum and Condensate by Country of Destination - Annually</i> | 34 |
| 7b | Nilai Eksport Petroleum Mentah dan Kondensat mengikut Negara Destinasi - Suku Tahunan <i>Export Value of Crude Petroleum and Condensate by Country of Destination - Quarterly</i> | 35 |
| 8a | Nilai Eksport Keluaran Petroleum Bertapis mengikut Negara Destinasi - Tahunan <i>Export Value of Refined Petroleum Products by Country of Destination - Annually</i> | 36 |
| 8b | Nilai Eksport Keluaran Petroleum Bertapis mengikut Negara Destinasi - Suku Tahunan <i>Export Value of Refined Petroleum Products by Country of Destination - Quarterly</i> | 37 |
| 9a | Nilai Eksport Gas Asli Cecair (LNG) mengikut Negara Destinasi - Tahunan <i>Export Value of Liquefied Natural Gas (LNG) by Country of Destination - Annually</i> | 38 |
| 9b | Nilai Eksport Gas Asli Cecair (LNG) mengikut Negara Destinasi - Suku Tahunan <i>Export Value of Liquefied Natural Gas (LNG) by Country of Destination - Quarterly</i> | 39 |
| 10a | Nilai Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan <i>Import Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually</i> | 40 |
| 10b | Nilai Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan <i>Import Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly</i> | 41 |
| 11a | Volum Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan <i>Import Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually</i> | 42 |



| | | Muka surat <i>Page</i> |
|-----|--|----------------------------------|
| 11b | Volum Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan <i>Import Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly</i> | 43 |
| 12a | Nilai Import Petroleum Mentah dan Kondensat mengikut Negara Asal - Tahunan <i>Import Value of Crude Petroleum and Condensate by Country of Origin - Annually</i> | 44 |
| 12b | Nilai Import Petroleum Mentah dan Kondensat mengikut Negara Asal - Suku Tahunan <i>Import Value of Crude Petroleum and Condensate by Country of Origin - Quarterly</i> | 45 |
| 13a | Nilai Import Keluaran Petroleum Bertapis mengikut Negara Asal - Tahunan <i>Import Value of Refined Petroleum Products by Country of Origin - Annually</i> | 46 |
| 13b | Nilai Import Keluaran Petroleum Bertapis mengikut Negara Asal - Suku Tahunan <i>Import Value of Refined Petroleum Products by Country of Origin - Quarterly</i> | 47 |
| 14a | Nilai Import Gas Asli Cecair (LNG) mengikut Negara Asal - Tahunan <i>Import Value of Liquefied Natural Gas (LNG) by Country of Origin - Annually</i> | 48 |
| 14b | Nilai Import Gas Asli Cecair (LNG) mengikut Negara Asal - Suku Tahunan <i>Import Value of Liquefied Natural Gas (LNG) by Country of Origin - Quarterly</i> | 49 |

| Segmen <i>Segment</i> | C | : | Indikator Makroekonomi <i>Macroeconomic Indicators</i> |
|---------------------------------|----------|---|--|
|---------------------------------|----------|---|--|

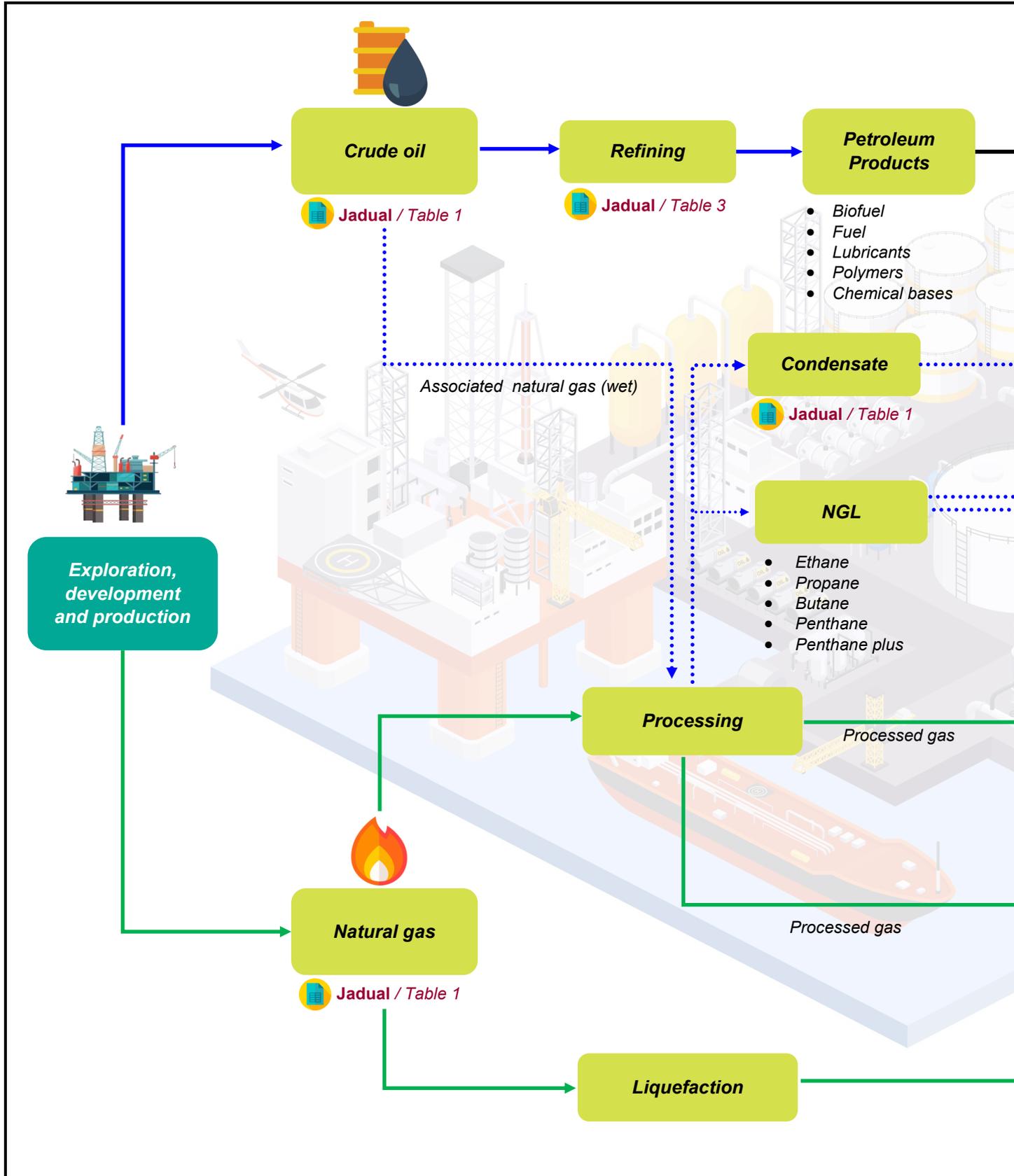
| | | |
|-----|---|-----------|
| 15a | KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Tahunan <i>GDP by Economic Activity at Current Prices - Annually</i> | 50 |
| 15b | KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Suku Tahunan <i>GDP by Economic Activity at Current Prices - Quarterly</i> | 51 |
| 16a | KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar - Tahunan <i>GDP by Economic Activity at Constant Prices - Annually</i> | 52 |
| 16b | KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar - Suku Tahunan <i>GDP by Economic Activity at Constant Prices - Quarterly</i> | 53 |
| 17a | IPP dan Indeks Sektor (2015=100) - Tahunan <i>IPI and Sectors Indices (2015=100) - Annually</i> | 54 |
| 17b | IPP dan Indeks Sektor (2015=100) - Suku Tahunan <i>IPI and Sectors Indices (2015=100) - Quarterly</i> | 55 |



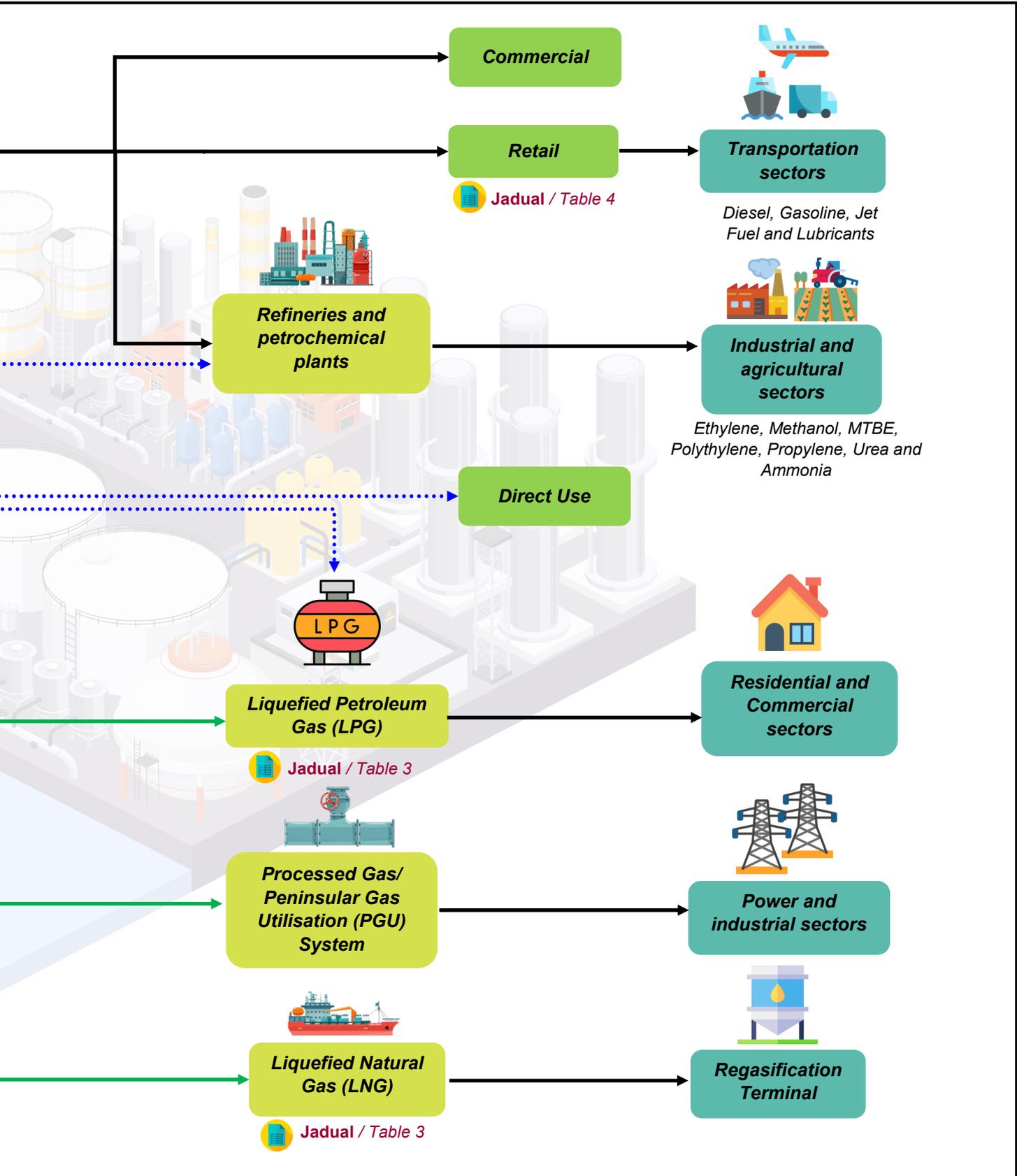
| | | Muka surat Page |
|------------------------------|---|--------------------|
| 18a | IHPR (2010=100) Pengeluaran Tempatan, Pengekstrakan Petroleum Mentah & Gas Asli Dan Pembuatan Kok & Produk Petroleum Bertapis - Tahunan <i>PPI (2010=100) Local Production, Extraction of Crude Petroleum & Natural Gas and Manufacture of Coke & Refined Petroleum Products - Annually</i> | 56 |
| 18b | IHPR (2010=100) Pengeluaran Tempatan, Pengekstrakan Petroleum Mentah & Gas Asli Dan Pembuatan Kok & Produk Petroleum Bertapis - Suku Tahunan <i>PPI (2010=100) Local Production, Extraction of Crude Petroleum & Natural Gas and Manufacture of Coke & Refined Petroleum Products - Quarterly</i> | 57 |
| 19a | Statistik Guna Tenaga Sektor Perlombongan dan Pengkuarian mengikut Kemahiran - Tahunan <i>Employment Statistics of Mining and Quarrying Sector by Skill - Annually</i> | 58 |
| 19b | Statistik Guna Tenaga Sektor Perlombongan dan Pengkuarian mengikut Kemahiran - Suku Tahunan <i>Employment Statistics of Mining and Quarrying Sector by Skill - Quarterly</i> | 59 |
| 20a | Produktiviti Buruh Sektor Perlombongan dan Pengkuarian - Tahunan <i>Labour Productivity of Mining and Quarrying Sector - Annually</i> | 60 |
| 20b | Produktiviti Buruh Sektor Perlombongan dan Pengkuarian - Suku Tahunan <i>Labour Productivity of Mining and Quarrying Sector - Quarterly</i> | 61 |
| Bahagian Part | 3 : Nota Teknikal Technical Notes | 63 |
| Lampiran Appendix | Piawaian Klasifikasi Industri Malaysia 2008 Ver. 1.0 Malaysia Standards Industrial Classification 2008 Ver. 1.0 | 79 |



Supply Chain of Crude Oil and Natural Gas Industry Diagram



Sources: PETRONAS and Joint Organisations Data Initiative (JODI) and illustrated by Department of Statistics Malaysia (DOSM)
 Note: This diagram is provide to guide user in understanding the statistics in this publication



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BAHAGIAN
PART

1



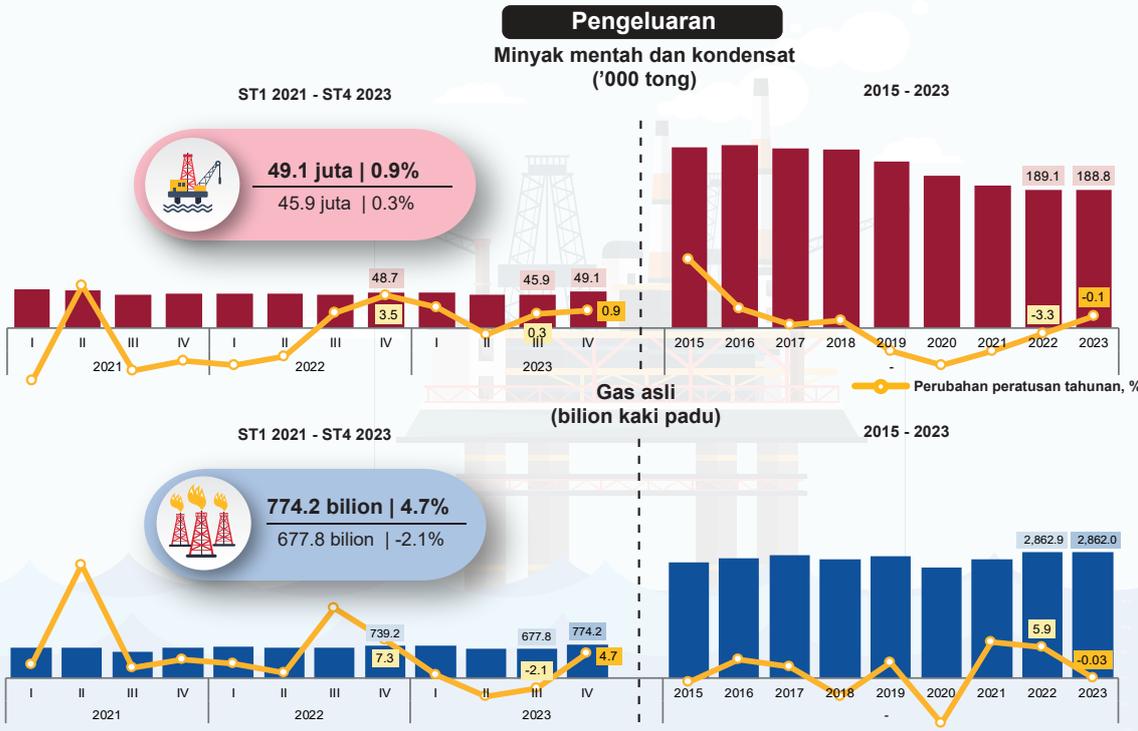
RINGKASAN PENEMUAN
SUMMARY OF FINDINGS

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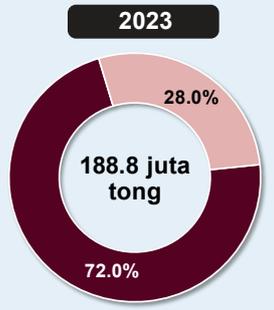
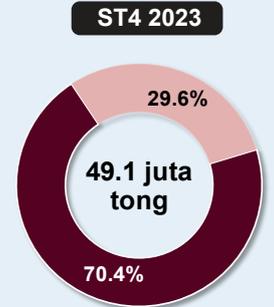


STATISTIK PERLOMBONGAN PETROLEUM DAN GAS ASLI SUKU KEEMPAT 2023

Pengeluaran Minyak mentah & kondensat meningkat 0.9 peratus manakala Gas asli pulih semula kepada 4.7 peratus pada suku keempat 2023



Peratusan Sumbangan Pengeluaran Minyak Mentah dan Kondensat



Minyak mentah
Kondensat

Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

Perubahan peratusan tahunan, %

Harga, ST4 2023



Sumber: PETRONAS dan EIA
¹ WALP: Weighted Average Lifting Price
² WTI: West Texas Intermediate

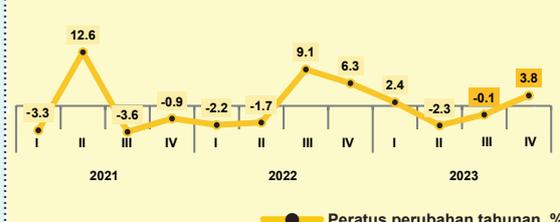
Nilai Jualan Produk Petroleum, ST4 2023



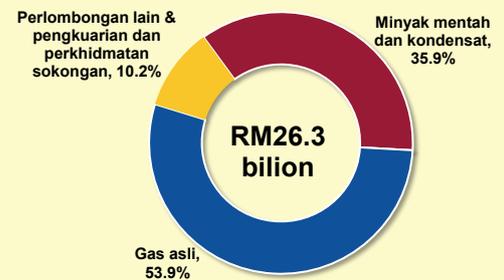
Sumber: Perangkaan Pembuatan Bulanan dan Prestasi Borong & Runcit Disember 2023, DOSM

Keluaran Dalam Negeri Kasar (KDNK) pada Harga Malar 1995

Perombongan dan Pengkuarian



Peratusan Sumbangan Perombongan dan Pengkuarian mengikut Subsektor, ST4 2023



Sumber: Keluaran Dalam Negeri Kasar (KDNK) ST4 2023, DOSM

Indeks Pengeluaran Perindustrian (IPP), ST4 2023



Sumber: Indeks Pengeluaran Perindustrian Malaysia (2015=100) ST4 2023, DOSM

ST4 2023

Eksport Negara Destinasi Utama

RM9.3 bilion



Import Negara Asal Utama

RM18.1 bilion



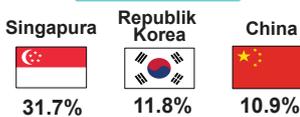
Petroleum mentah dan kondensat



RM33.7 bilion



RM35.4 bilion



Gas asli cecair (LNG)

RM16.6 bilion



RM1.7 bilion



Sumber: DOSM, Disember 2023

Nota: Statistik merujuk kepada peratusan sumbangan tertinggi mengikut negara asal dan destinasi

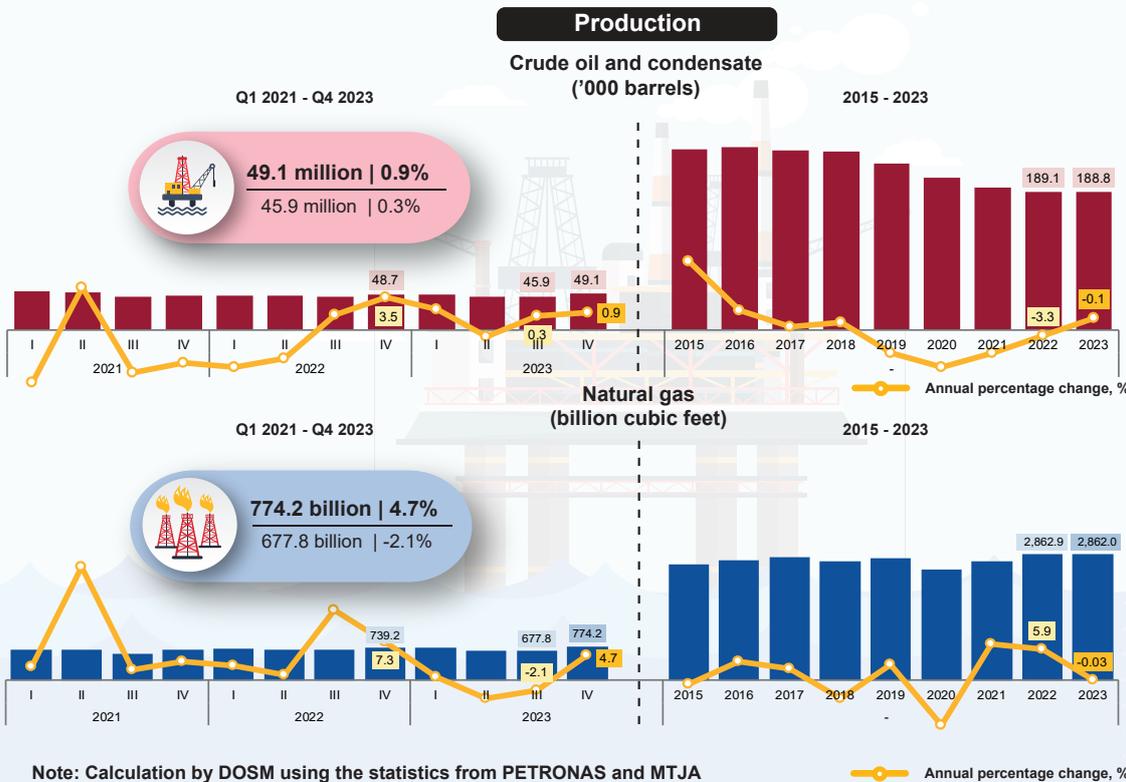
Jumlah eksport Jumlah import %: Peratusan sumbangan

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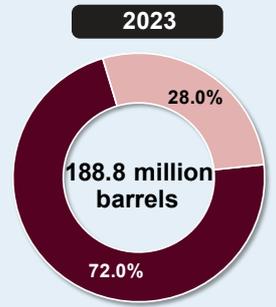
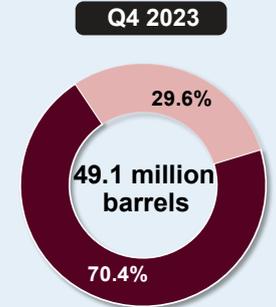


MINING OF PETROLEUM AND NATURAL GAS STATISTICS FOURTH QUARTER 2023

Crude oil and condensate production upped by 0.9 per cent, while Natural gas rebounded to 4.7 per cent in the fourth quarter of 2023



Percentage Share of Crude Oil and Condensate Production



Crude oil
Condensate

Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

Annual percentage change, %

Price, Q4 2023

WALP¹
(Malaysia)
USD88.5
-6.4%

WTI²
USD78.4
-5.3%

Brent
USD83.7
-5.5%

Henry Hub
USD2.7
-50.7%

Annual percentage change, %

Source: PETRONAS and EIA

¹WALP: Weighted Average Lifting Price

²WTI: West Texas Intermediate

Sales Value of Petroleum Products, Q4 2023



Refined petroleum products
RM54.0 billion
-21.0%



Wholesale of solid liquid & gaseous fuels and related products
RM38.9 billion
7.7%



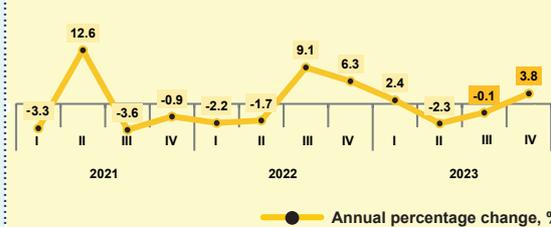
Retail sale of automotive fuel in specialised stores
RM16.8 billion
3.4%

Annual percentage change, %

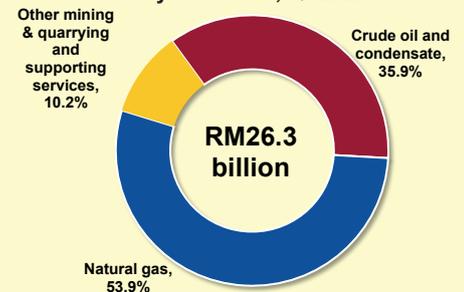
Source: Monthly Manufacturing Statistics and Performance of Wholesale & Retail Trade December 2023, DOSM

Gross Domestic Product (GDP) at Constant 2015 Prices

Mining and Quarrying



Percentage Share of Mining and Quarrying by subsector, Q4 2023



Source: Gross Domestic Product (GDP) Q4 2023, DOSM

Industrial Production Index (IPI), Q4 2023



Source: Malaysia Industrial Production Index (2015=100) Q4 2023, DOSM

Q4 2023

Exports by Major Country of Destination

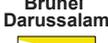
RM9.3 billion



Thailand
26.3%



Australia
17.7%



Brunei Darussalam
16.3%

Imports by Major Country of Origin

RM18.1 billion



Saudia Arabia
51.1%



United Arab Emirates
18.9%



United States
5.3%

Crude petroleum and condensate

Refined petroleum products

Liquefied natural gas (LNG)

RM33.7 billion



Singapore
23.2%



Indonesia
15.0%



Australia
12.8%

RM35.4 billion



Singapore
31.7%



Republic of Korea
11.8%



China
10.9%

RM16.6 billion



Japan
43.1%



China
25.9%



Republic of Korea
22.4%

RM1.7 billion



Australia
100.0%

Total of exports Total of imports %: Percentage share

Source: DOSM, December 2023

Note: The Statistics refer to the highest percentage share by country of origin and destination

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1. Pengenalan

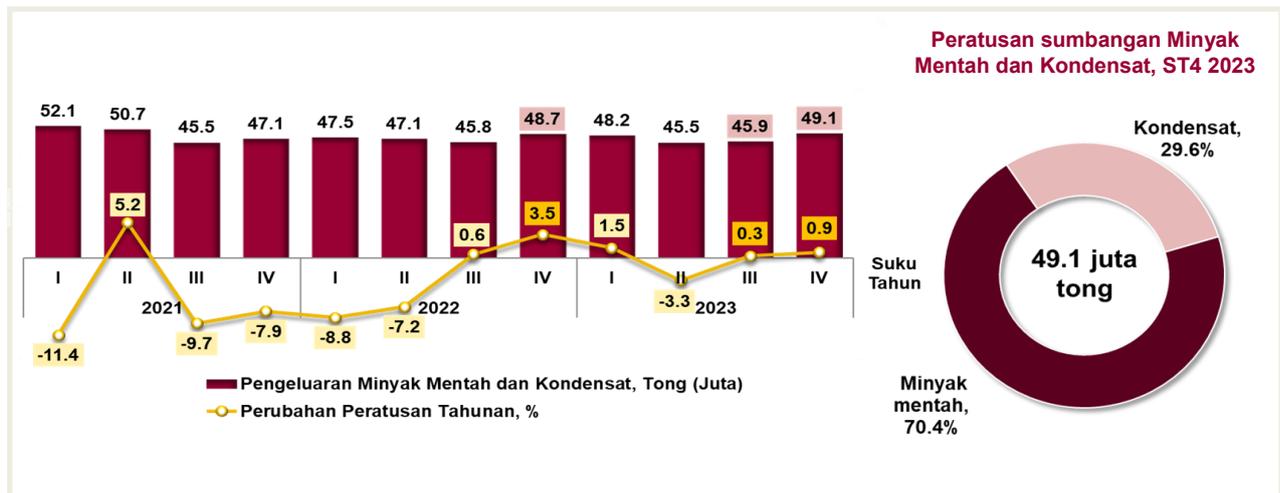
Statistik Perlombongan Petroleum dan Gas Asli membentangkan statistik pengeluaran minyak mentah, kondensat & gas asli; harga purata minyak mentah; pengeluaran & nilai jualan produk utama petroleum bertapis; jualan borong bahan api pepejal, cecair & gas & produk berkaitan; dan eksport & import petroleum mentah & kondensat, keluaran petroleum bertapis & gas asli cecair (LNG). Penerbitan ini turut melaporkan statistik Keluaran Dalam Negeri Kasar (KDNK), Indeks Pengeluaran Perindustrian (IPP), Indeks Harga Pengeluar (IHPR) mengikut aktiviti ekonomi serta statistik guna tenaga dan produktiviti buruh bagi sektor Perlombongan dan pengkuarian bagi tempoh suku pertama 2021 hingga suku keempat 2023. Statistik tahunan turut dilaporkan dalam penerbitan ini.

2. Prestasi Pengeluaran Minyak Mentah & Kondensat dan Gas Asli, Suku Keempat 2023

Pengeluaran Minyak mentah dan kondensat meningkat kepada 0.9 peratus atau 49.1 juta tong pada suku keempat 2023 (ST3 2023: 45.9 juta tong, 0.3%). Kenaikan ini disumbangkan oleh Kondensat yang melonjak sebanyak 23.8 peratus berbanding 16.2 peratus pada suku sebelumnya.

Dari segi komposisi, Minyak mentah merupakan penyumbang tertinggi dengan 70.4 peratus atau bersamaan 34.6 juta tong, manakala Kondensat merangkumi 29.6 peratus atau 14.5 juta tong pada suku keempat 2023 (Carta 1).

Carta 1 Prestasi Pengeluaran Minyak Mentah dan Kondensat, ST1 2021 - ST4 2023

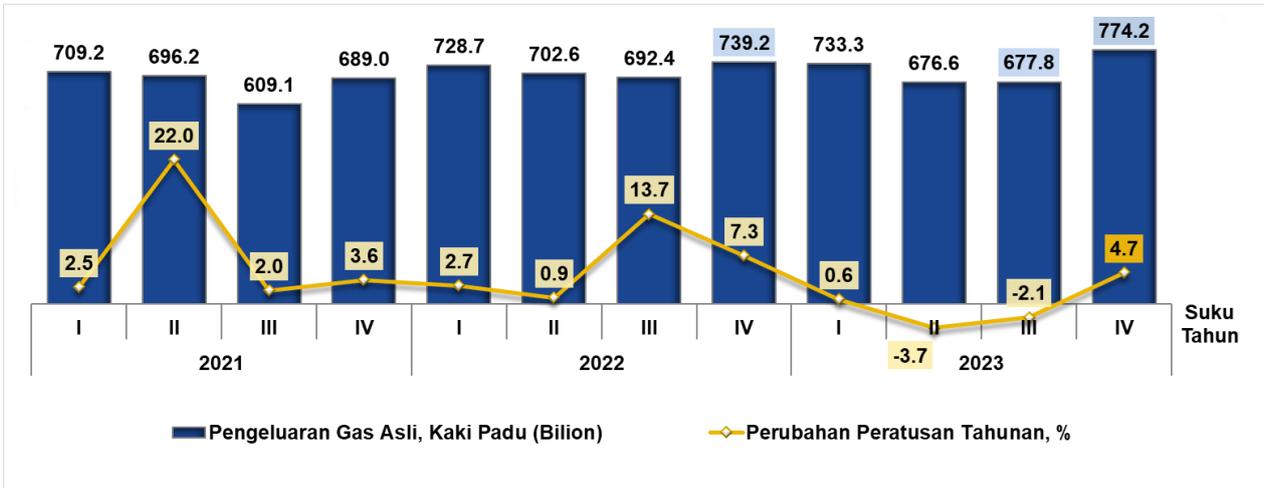


Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA



Sementara itu, Gas asli pulih kepada 4.7 peratus dengan nilai pengeluaran sebanyak 774.2 billion kaki padu berbanding negatif 2.1 peratus yang dicatatkan pada suku tahun sebelumnya (ST3 2023: 677.8 billion kaki padu) seperti ditunjukkan di **Carta 2**.

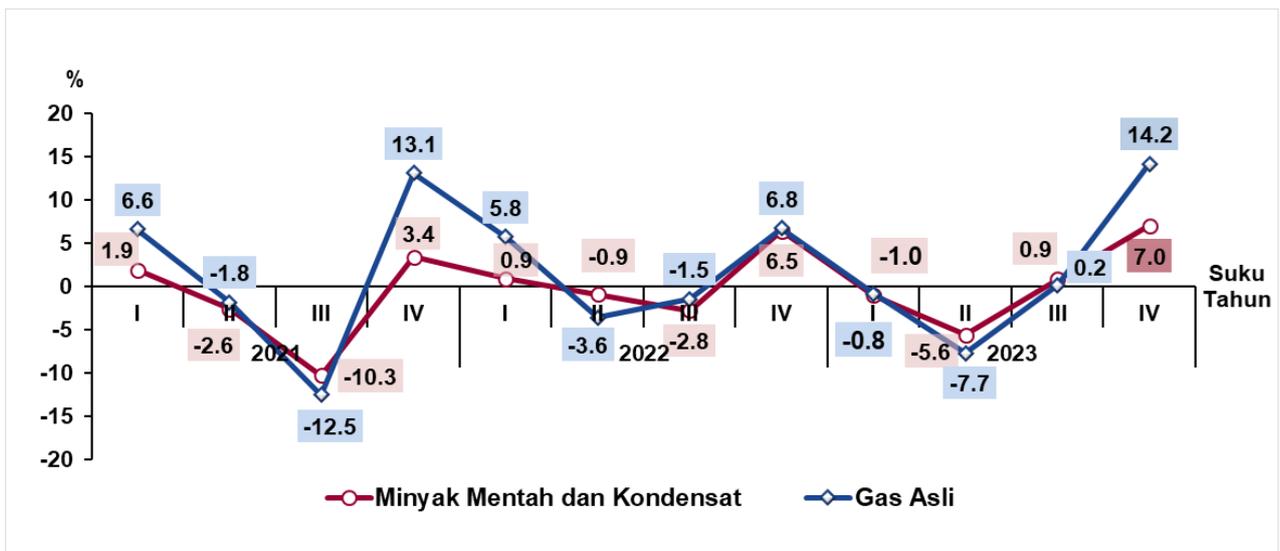
Carta 2 Prestasi Pengeluaran Gas Asli, ST1 2021 - ST4 2023



Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

Bagi perbandingan suku tahun ke suku tahun, pengeluaran Minyak mentah dan kondensat tumbuh kepada 7.0 peratus (ST3 2023: 0.9%). Prestasi ini disokong oleh pertumbuhan dalam pengeluaran Kondensat kepada 13.3 peratus (ST3 2023: 2.9%). Pada masa yang sama, pengeluaran Gas asli turut mencatatkan peningkatan yang signifikan iaitu 14.2 peratus berbanding 0.2 peratus yang direkodkan pada suku yang lalu seperti dipaparkan di **Carta 3**.

Carta 3 Pengeluaran Minyak Mentah & Kondensat dan Gas Asli, ST1 2021 - ST4 2023 - Perubahan Peratusan dari Suku Tahun Sebelumnya



Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

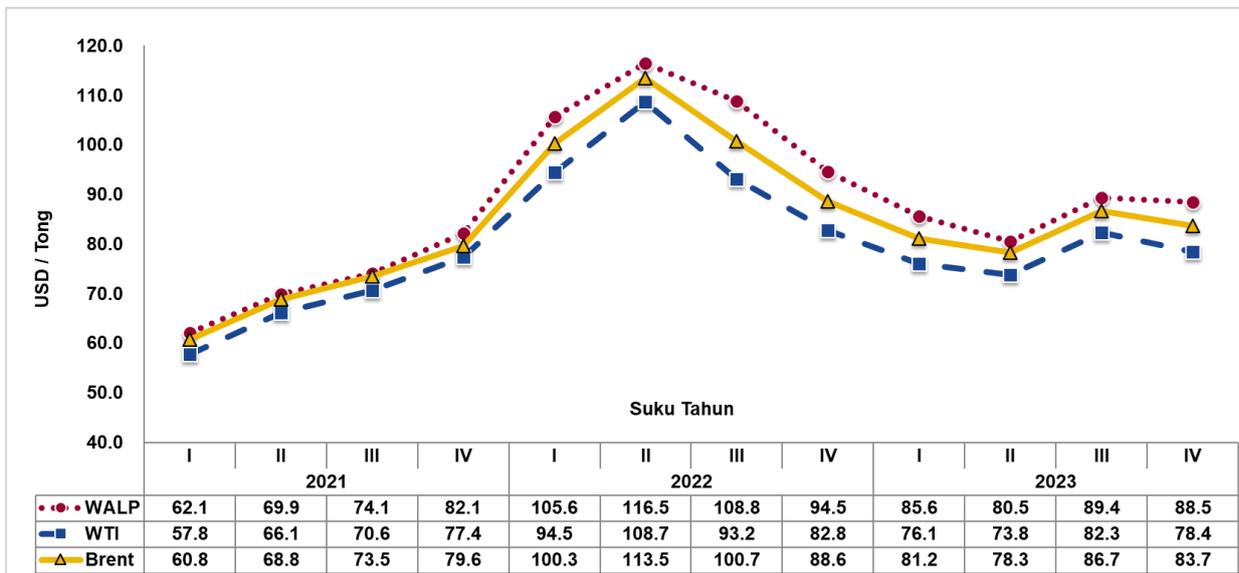


3. Harga Minyak Mentah dan Kondensat, Suku Keempat 2023

West Texas Intermediate (WTI) dan Brent digunakan dalam menilai prestasi harga Minyak mentah dan kondensat di peringkat pasaran global. Sementara itu, Harga Purata “Lifting” Berpemberat (WALP) adalah harga yang diwartakan dan digunakan di Malaysia. WTI merujuk kepada minyak mentah yang dihasilkan di Amerika Syarikat, khususnya di rantau Texas, manakala Brent merujuk kepada minyak mentah yang dihasilkan di beberapa lapangan minyak di Laut Utara, terutamanya di luar pesisir United Kingdom.

Harga Minyak mentah dan kondensat pada suku keempat 2023 menunjukkan penurunan selepas mencatatkan peningkatan pada suku yang lalu. Harga WALP bagi Minyak mentah dan kondensat adalah USD88.5 per tong (ST3 2023: USD89.4 per tong). Sementara itu, harga per tong WTI dan Brent masing-masing mencatatkan USD78.4 (ST3 2023: USD82.3) dan USD83.7 (ST3 2023: USD86.7) seperti yang ditunjukkan di **Carta 4**.

Carta 4 Harga Minyak Mentah dan Kondensat, ST1 2021 - ST4 2023



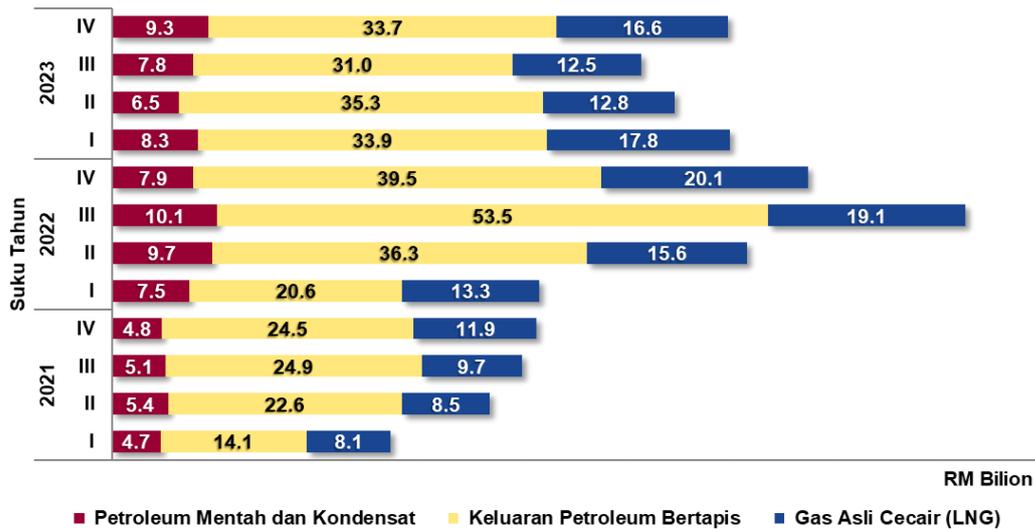
Sumber: PETRONAS dan EIA



4. Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG)

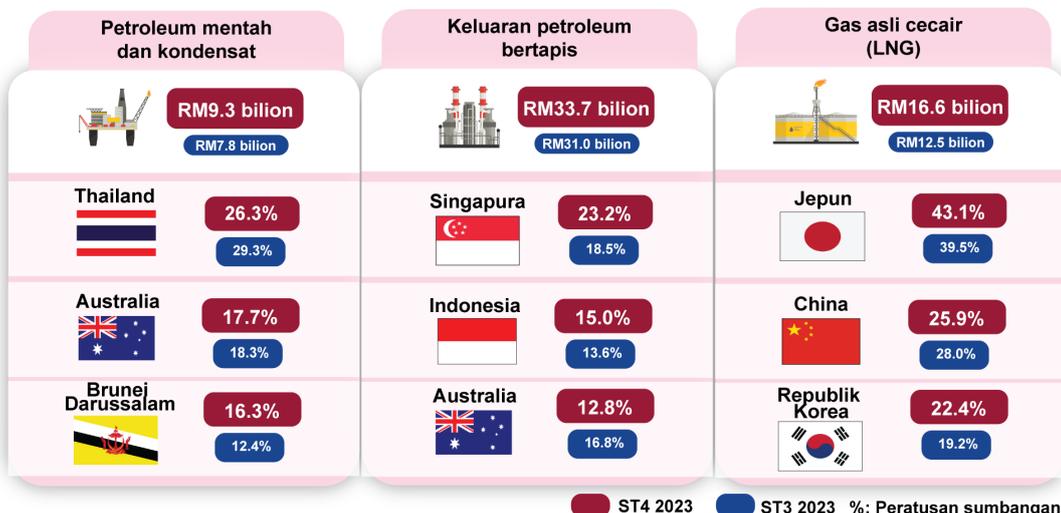
Secara keseluruhan, nilai eksport bagi ketiga-tiga komoditi menunjukkan peningkatan pada suku keempat 2023. Petroleum mentah dan kondensat meningkat kepada RM9.3 bilion berbanding RM7.8 bilion pada suku sebelumnya. Begitu juga dengan nilai eksport Keluaran petroleum bertapis dan LNG masing-masing meningkat kepada RM33.7 bilion (ST3 2023: RM31.0 bilion) dan RM16.6 bilion (ST3 2023: RM12.5 bilion) seperti di **Carta 5**.

Carta 5 Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), ST1 2021 - ST4 2023



Thailand terus mendominasi negara destinasi eksport utama bagi Petroleum mentah dan kondensat pada suku tahun ini dengan RM2.5 bilion atau merangkumi 26.3 peratus, diikuti oleh Australia (17.7%) dan Brunei Darussalam (16.3%). Di samping itu, Singapura merupakan negara eksport utama bagi Keluaran petroleum bertapis sebanyak RM7.8 bilion atau 23.2 peratus. Ini diikuti dengan Indonesia dan Australia dengan masing-masing mencatatkan sumbangan 15.0 peratus dan 12.8 peratus. Sementara itu, sejumlah RM6.9 bilion (43.1%) daripada LNG adalah dieksport ke Jepun, diikuti oleh China (25.9%) dan Republik Korea (22.4%) seperti yang ditunjukkan di **Paparan 1**.

Paparan 1 Eksport mengikut Negara Destinasi Utama - Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG)

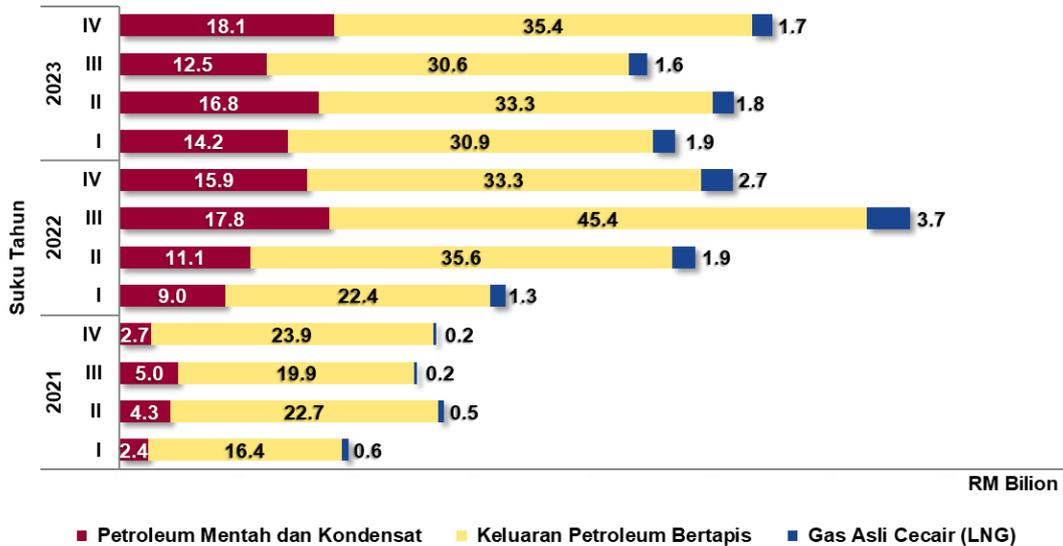




5. Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG)

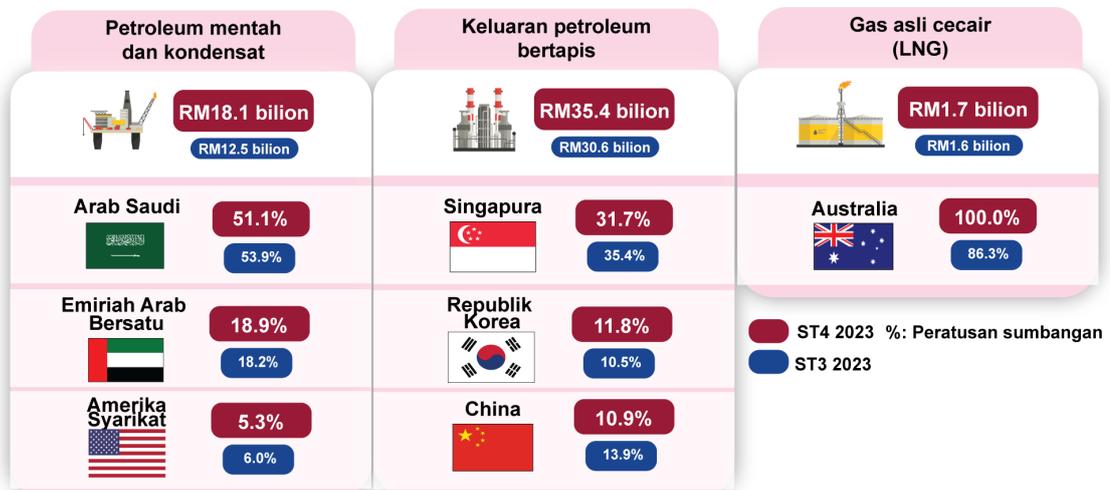
Nilai import Petroleum mentah dan kondensat melonjak kepada RM18.1 bilion selepas merekodkan RM12.5 bilion pada suku tahun sebelumnya. Pada masa yang sama, nilai import Keluaran petroleum bertapis dan LNG turut menunjukkan peningkatan pada suku ini dengan masing-masing mencatatkan RM35.4 bilion (ST3 2023: RM30.6 bilion) dan RM1.7 bilion (ST3 2023: RM1.6 bilion) seperti di **Carta 6**.

Carta 6 Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), ST1 2021 - ST4 2023



Arab Saudi kekal sebagai penyumbang utama import Petroleum mentah dan kondensat merangkumi 51.1 peratus dengan nilai sebanyak RM9.3 bilion pada suku keempat 2023. Ini diikuti oleh Emiriah Arab Bersatu (18.9%) dan Amerika Syarikat (5.3%). Bagi import Keluaran petroleum bertapis, Singapura telah menyumbang nilai tertinggi sebanyak RM11.2 bilion (31.7%), diikuti oleh Republik Korea (11.8%) dan China (10.9%). Di samping itu, import LNG pada suku keempat 2023 adalah hanya dari Australia dengan nilai RM1.7 bilion (**Paparan 2**).

Paparan 2 Import mengikut Negara Asal Utama - Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG)

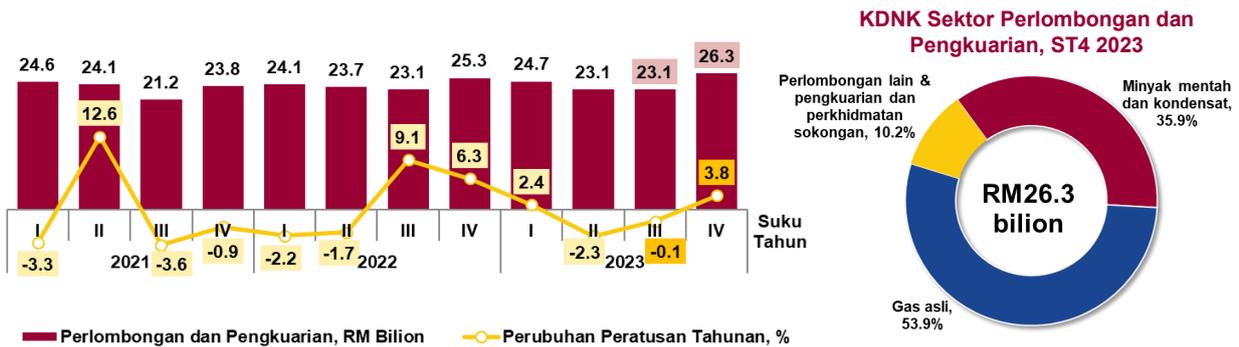




6. Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, Suku Keempat 2023

Keluaran Dalam Negeri Kasar (KDNK) bagi sektor Perlombongan dan pengkuarian pulih kepada 3.8 peratus pada suku keempat 2023 berbanding penurunan marginal 0.1 peratus pada suku sebelumnya seperti yang ditunjukkan di **Carta 7**. Subsektor Gas asli menyumbang secara konsisten melebihi 50 peratus kepada sektor Perlombongan dan pengkuarian, dengan sumbangan 53.9 peratus pada suku tahun ini, diikuti oleh Minyak mentah dan kondensat iaitu 35.9 peratus.

Carta 7 Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, ST1 2021 - ST4 2023

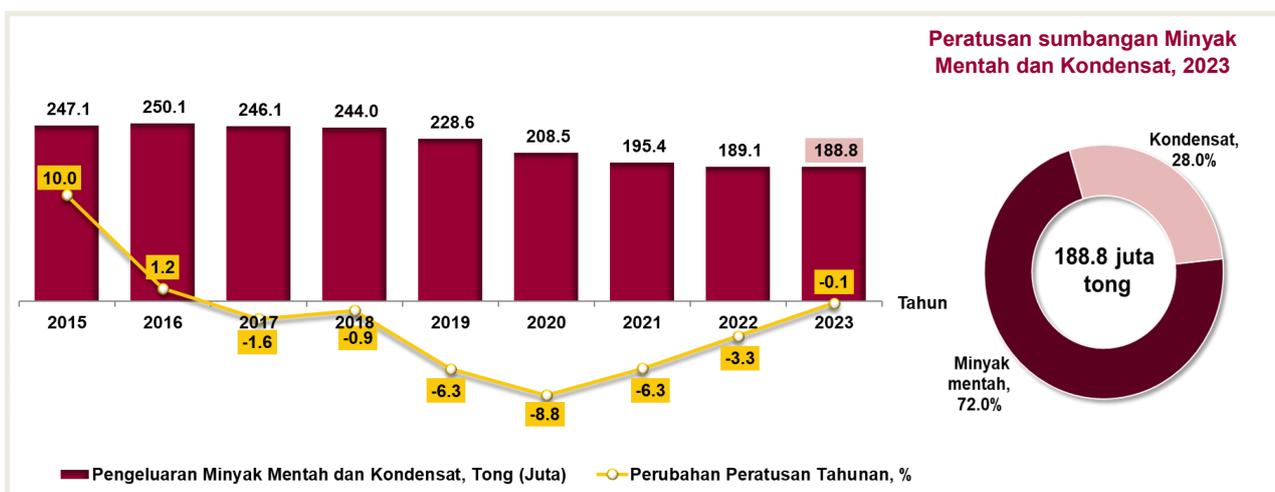


7. Prestasi Pengeluaran Minyak Mentah & Kondensat dan Gas Asli, 2023

Pengeluaran minyak mentah dan kondensat mencatatkan negatif 0.1 peratus kepada 188.8 juta tong pada tahun 2023 berbanding negatif 3.3 peratus pada tahun sebelumnya (2022: 189.1 juta tong). Pertumbuhan ini disumbangkan oleh kenaikan yang signifikan dalam pengeluaran Kondensat iaitu 19.5 peratus.

Dari sudut sumbangan, Minyak mentah menyumbang sebanyak 72.0 peratus atau 136.0 juta tong, manakala 28.0 peratus disumbangkan oleh Kondensat dengan nilai pengeluaran sebanyak 52.8 juta tong (**Carta 8**).

Carta 8 Prestasi Pengeluaran Minyak Mentah dan Kondensat, 2023

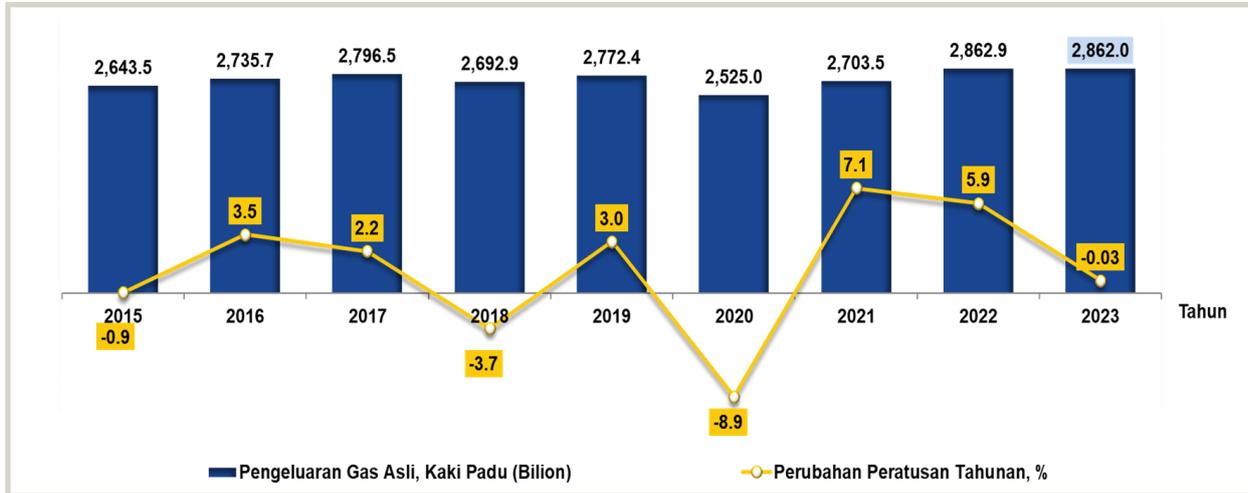


Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA



Pengeluaran Gas asli menyusut secara marginal kepada negatif 0.03 peratus dengan nilai pengeluaran 2,862.0 bilion kaki padu pada 2023 berbanding 5.9 peratus pada tahun sebelumnya (2022: 2,862.9 bilion kaki padu) seperti di **Carta 9**.

Carta 9 Prestasi Pengeluaran Gas Asli, 2023

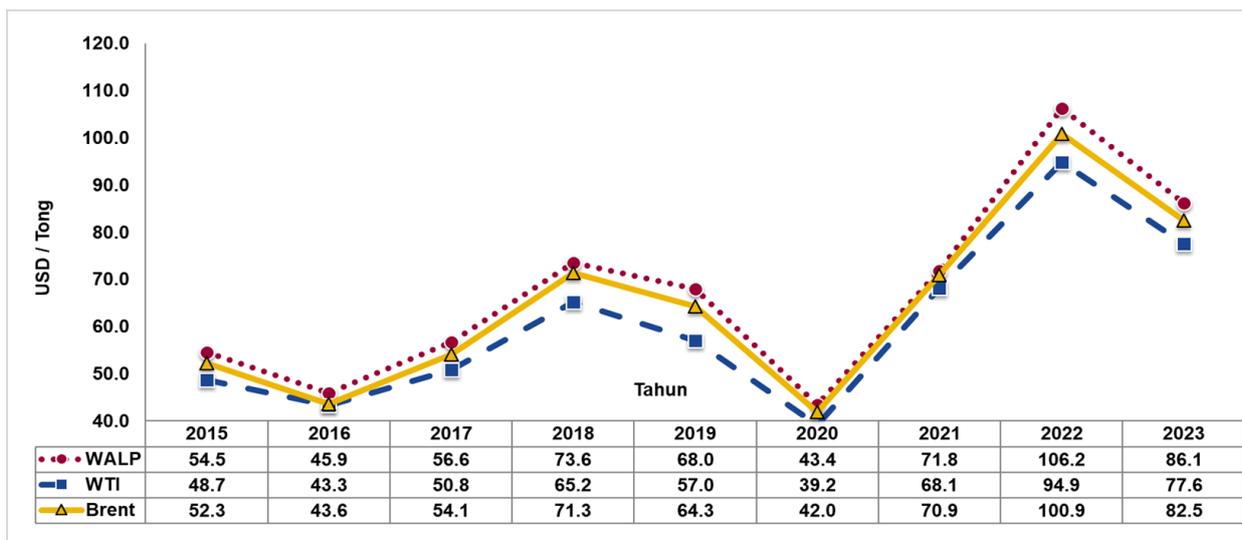


Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

8. Harga Minyak Mentah dan Kondensat, 2023

Harga minyak mentah WALP turun kepada USD86.1 per tong pada 2023 berbanding USD106.2 per tong pada tahun sebelumnya. Begitu juga dengan harga minyak WTI dan Brent yang masing-masing jatuh kepada USD77.6 juta tong (2022: USD94.9 per tong) dan USD82.5 per tong (2022: USD100.9 per tong) seperti ditunjukkan di **Carta 10**.

Carta 10 Harga Minyak Mentah dan Kondensat, 2023



Sumber: PETRONAS dan EIA



9. Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, 2023

Keluaran Dalam Negeri Kasar (KDNK) bagi sektor Perlombongan dan pengkuarian pada 2023 bertumbuh 1.0 peratus berbanding 2.6 peratus yang direkodkan pada tahun lalu. Dari segi komposisi, subsektor Gas asli merupakan penyumbang utama dengan sumbangan sebanyak 53.5 peratus, diikuti oleh Minyak mentah dan kondensat sebanyak 37.1 peratus pada 2023.

Carta 11 Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, 2023





1. Introduction

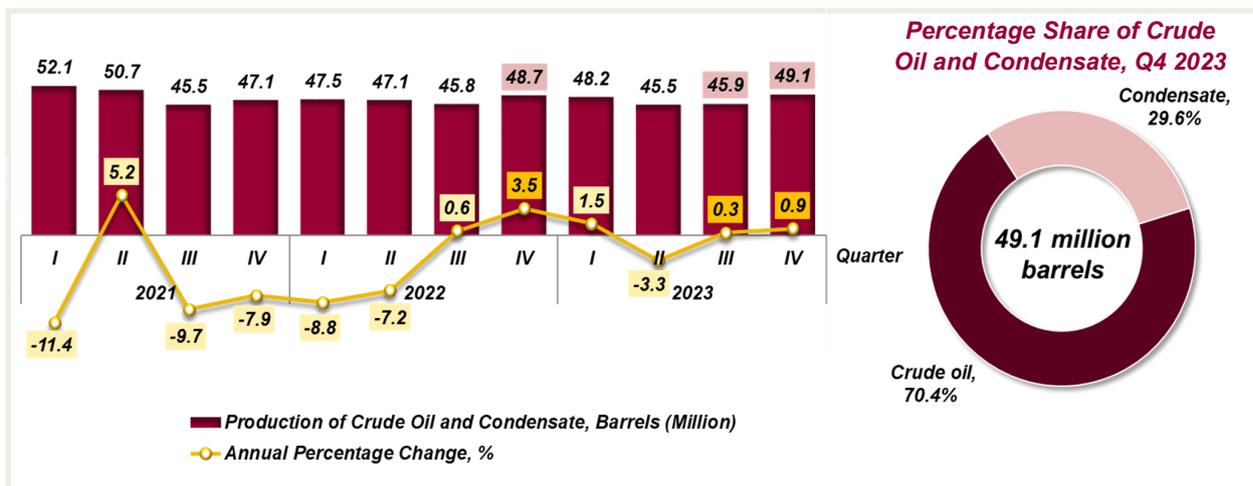
The Mining Petroleum and Natural Gas Statistics presents the production of crude oil, condensate & natural gas statistics; the average price of crude oil; production & sales value of major refined petroleum products; wholesale sales of solid fuels, liquids & gases & related products; and exports & imports of crude petroleum & condensate, refined petroleum products & liquefied natural gas (LNG). This publication also reported the statistics on Gross Domestic Product (GDP), Industrial Production Index (IPI), Producer Price Index (PPI) according to economic activity as well as employment and labour productivity statistics for the Mining and quarrying sector for the period from the first quarter of 2021 to the fourth quarter of 2023. Annual statistics are also included in this publication.

2. Performance of Crude Oil & Condensate and Natural Gas Production, Fourth Quarter of 2023

The production of Crude oil & condensate increased to 0.9 per cent or 49.1 million barrels in the fourth quarter of 2023 (Q3 2023: 45.9 million barrels, 0.3%). The increase was underpinned by the production of Condensate which surged 23.8 per cent as compared to 16.2 per cent in the previous quarter.

In terms of composition, Crude oil contributed the most with 70.4 per cent or equivalent to 34.6 million barrels, while Condensate encompassed 29.6 per cent or 14.5 million barrels in the fourth quarter of 2023 (**Chart 1**).

Chart 1 Performance of Crude Oil and Condensate Production, Q1 2021 - Q4 2023

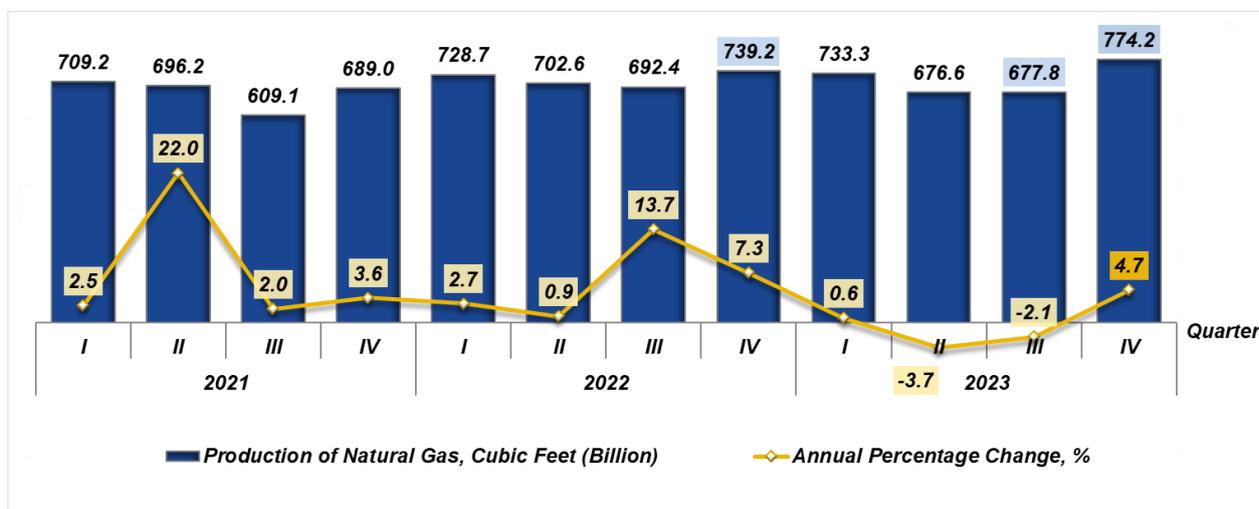


Note: Calculation by DOSM using the statistics from PETRONAS and MTJA



Meanwhile, Natural gas rebounded to 4.7 per cent with a production volume of 774.2 billion cubic feet as compared to negative 2.1 per cent recorded in previous quarter (Q3 2023: 677.8 billion cubic feet) as shown in **Chart 2**.

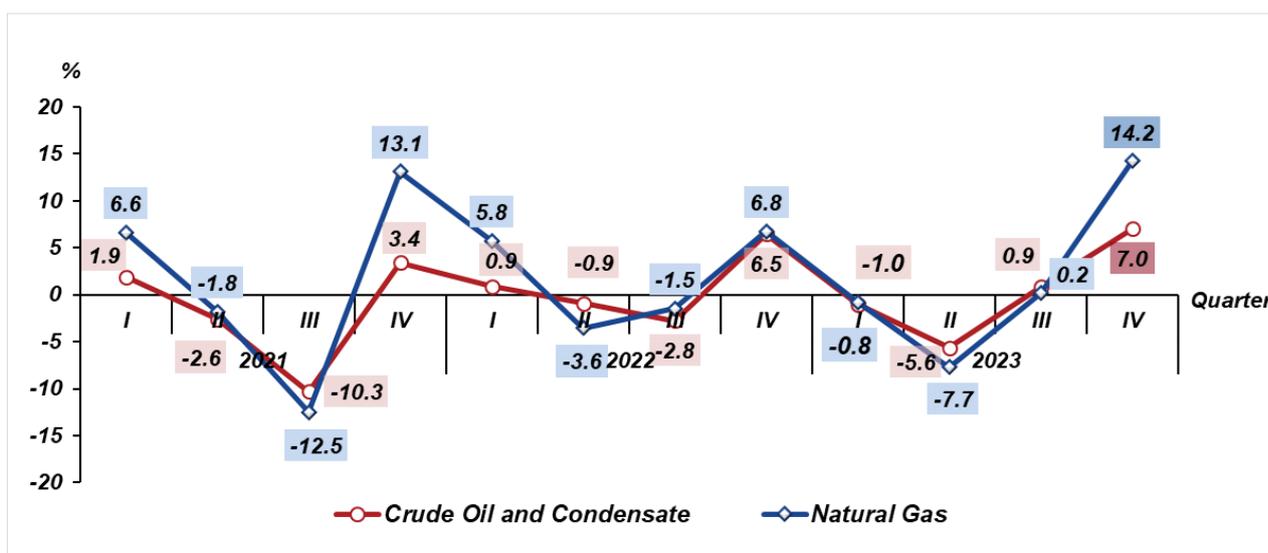
Chart 2 Performance of Natural Gas Production, Q1 2021 - Q4 2023



Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

As for the quarter-on-quarter comparison, the production of Crude oil and condensate grew by 7.0 per cent (Q3 2023: 0.9%). The performance was supported by a growth in Condensate production at 13.3 per cent (Q3 2023: 2.9%). In the meantime, the production of Natural gas also recorded a significant increase of 14.2 per cent as compared to 0.2 per cent recorded in the previous quarter as displayed in **Chart 3**.

Chart 3 Production of Crude Oil & Condensate and Natural Gas, Q1 2021 - Q4 2023 - Percentage Change from the Preceding Quarter



Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

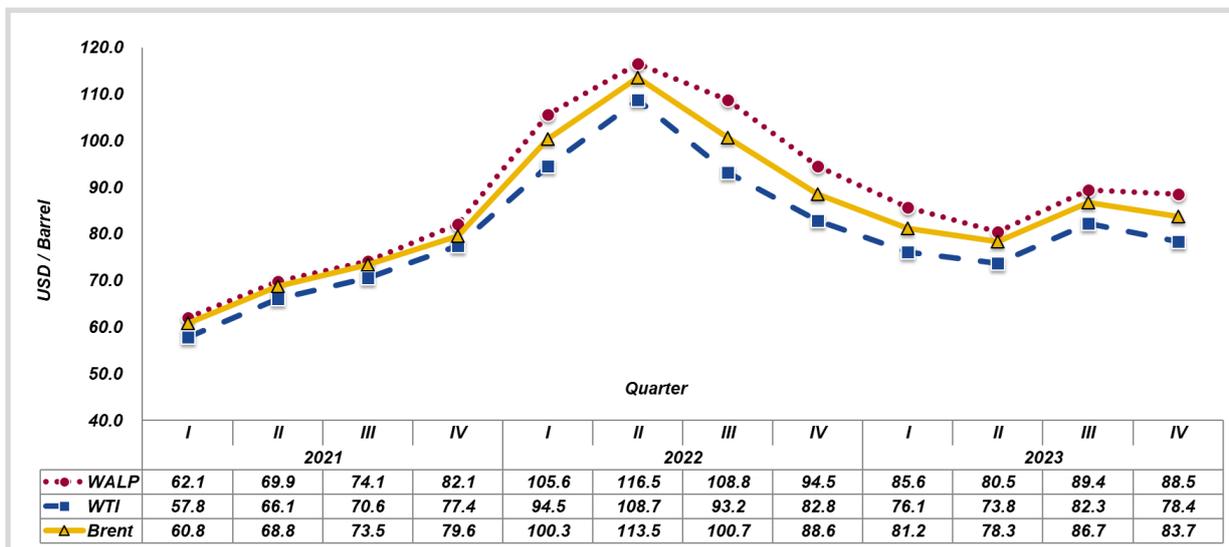


3. Prices of Crude Oil and Condensate, Fourth Quarter of 2023

West Texas Intermediate (WTI) and Brent are used to evaluate the performance of Crude oil and condensate in the global market. Meanwhile, the Weighted Average Lifting Price (WALP) is a gazetted price and used in Malaysia. WTI refers to crude oil produced in the United States, particularly in the Texas region, while Brent refers to crude oil produced in several oil fields in the North Sea, primarily in offshore waters of the United Kingdom.

The prices of Crude oil and condensate in the fourth quarter 2023 showed a decrease after recording an increase in the previous quarter. The WALP of Crude oil and condensate price was USD88.5 per barrel (Q3 2023: USD89.4 per barrel). Meanwhile, the price per barrel of WTI and Brent recorded USD78.4 (Q3 2023: USD82.3) and USD83.7 (Q3 2023: USD86.7) respectively as shown in **Chart 4**.

Chart 4 Prices of Crude Oil and Condensate, Q1 2021 - Q4 2023



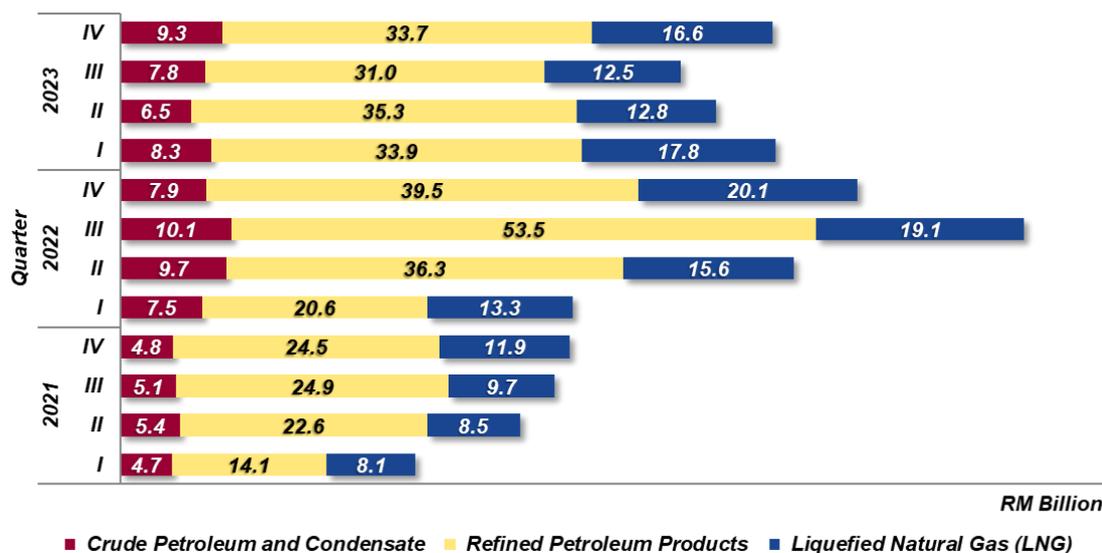
Source: PETRONAS and EIA



4. Exports for Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG)

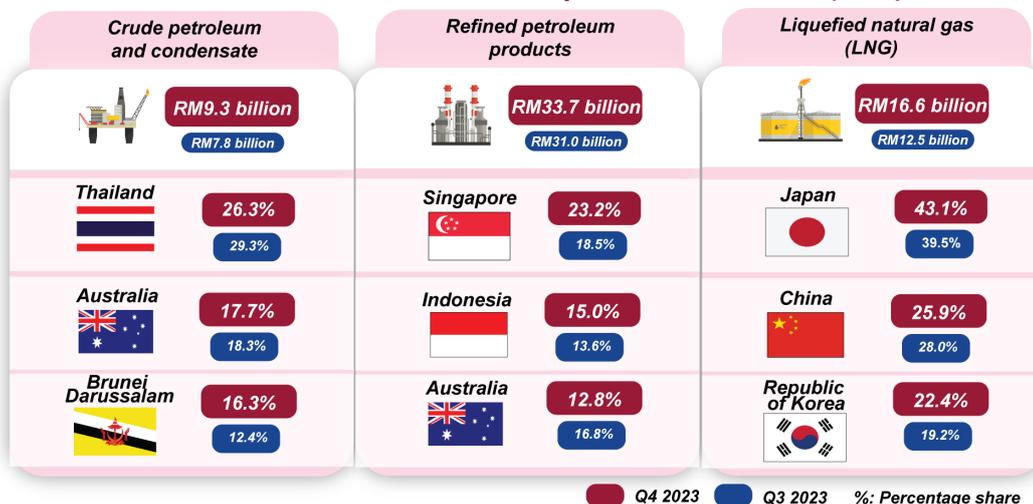
Overall, export value for the three commodities showed an increase in the fourth quarter of 2023. The Crude petroleum and condensate increased to RM9.3 billion as compared to RM7.8 billion in the previous quarter. Likewise, the export value for Refined petroleum products and LNG increased to RM33.7 billion (Q3 2023: RM31.0 billion) and RM16.6 billion (Q3 2023: RM12.5 billion) respectively as in **Chart 5**.

Chart 5 Exports of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Q1 2021 - Q4 2023



Thailand continued to dominate the major destination exports for Crude petroleum and condensate in this quarter with RM2.5 billion or encompassing 26.3 per cent, followed by Australia (17.7%) and Brunei Darussalam (16.3%). Meanwhile, Singapore was the major destination of Refined petroleum products by RM7.8 billion or 23.2 per cent. This was followed by Indonesia and Australia with a contribution of 15.0 per cent and 12.8 per cent respectively. Whereas, a total of RM6.9 billion or 43.1 per cent of LNG was exported to Japan, followed by China (25.9%) and the Republic of Korea (22.4%) as shown in **Exhibit 1**.

Exhibit 1 Exports by Major Country of Destination - Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG)

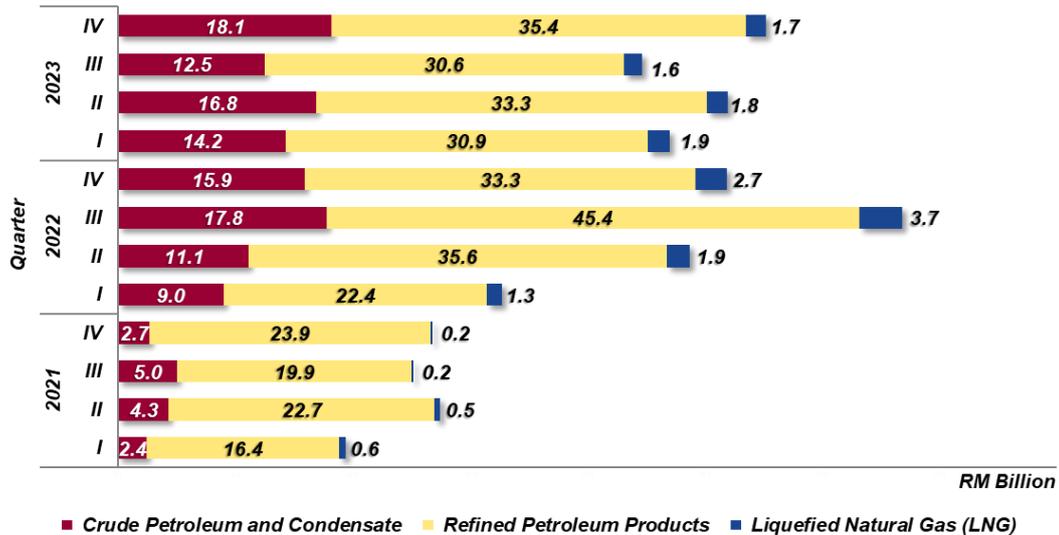




5. Imports for Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG)

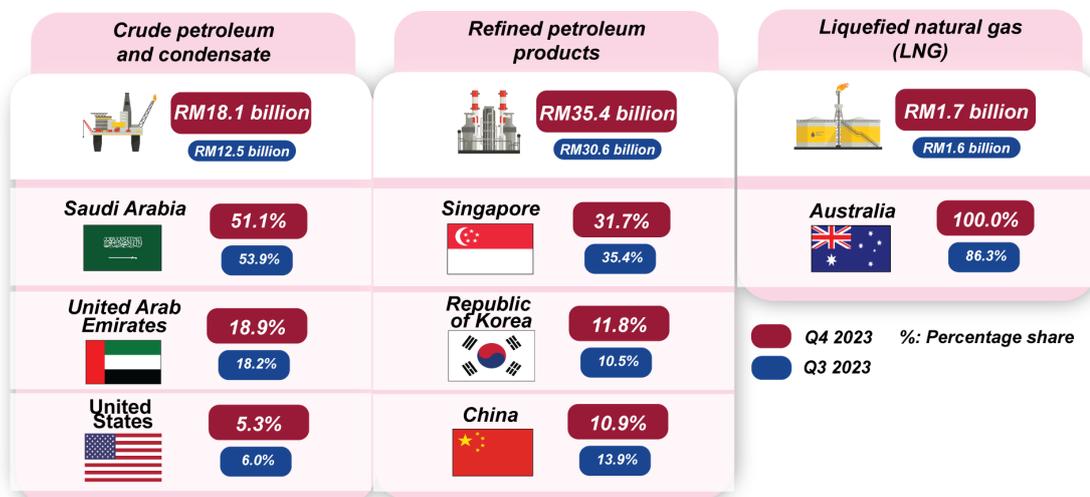
The import value of Crude petroleum and condensate surged by RM18.1 billion as compared to RM12.5 billion recorded in the previous quarter. In the meantime, the imports of Refined petroleum products and LNG posted an increase in this quarter with RM35.4 billion (Q3 2023: RM30.6 billion) and RM1.7 billion (Q3 2023: RM1.6 billion) respectively as depicted in **Chart 6**.

Chart 6 Imports of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Q1 2021 - Q4 2023



Saudi Arabia stood as the main contributor to the import of crude oil and condensate, comprising 51.1 per cent with a value of RM9.3 billion in the fourth quarter of 2023. This was followed by the United Arab Emirates (18.9%) and United States of America (5.3%). As for the imports of Refined petroleum products, Singapore contributed the highest value of RM11.2 billion (31.7%), followed by the Republic of Korea (11.8%) and China (10.9%). Furthermore, the import of LNG in the fourth quarter of 2023 was only from Australia, with a value of RM1.7 billion (**Exhibit 2**).

Exhibit 2 Imports by Major Country of Origin - Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG)

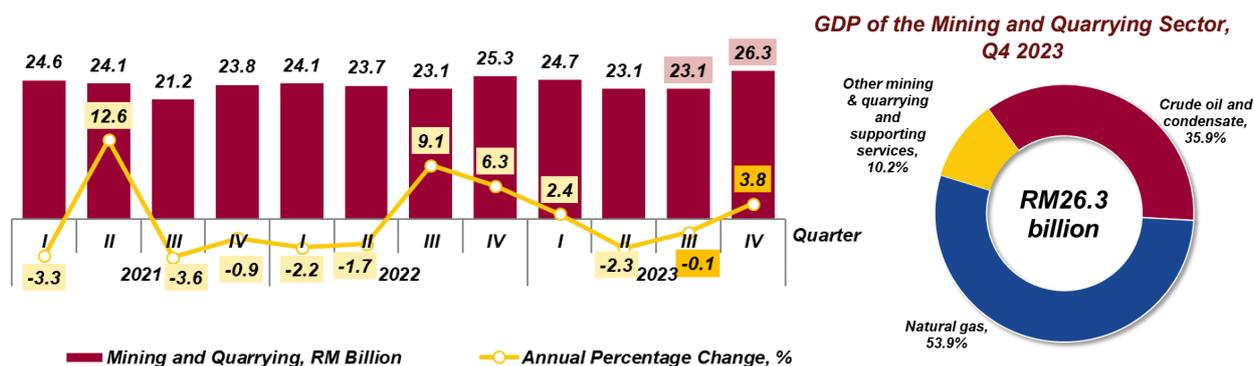




6. Gross Domestic Product of the Mining and Quarrying Sector at Constant 2015 Prices, Fourth Quarter of 2023

The Gross Domestic Product (GDP) for the Mining and quarrying sector rebounded to 3.8 per cent in the fourth quarter of 2023 from a marginal decline of 0.1 per cent in the previous quarter as shown in **Chart 7**. The Natural gas subsector which consistently contributed over 50 per cent to the Mining and quarrying sector, posted a share of 53.9 per cent in this quarter, followed by Crude oil and condensate at 35.9 per cent.

Chart 7 Gross Domestic Product of the Mining and Quarrying Sector at Constant 2015 Prices, Q1 2021 - Q4 2023

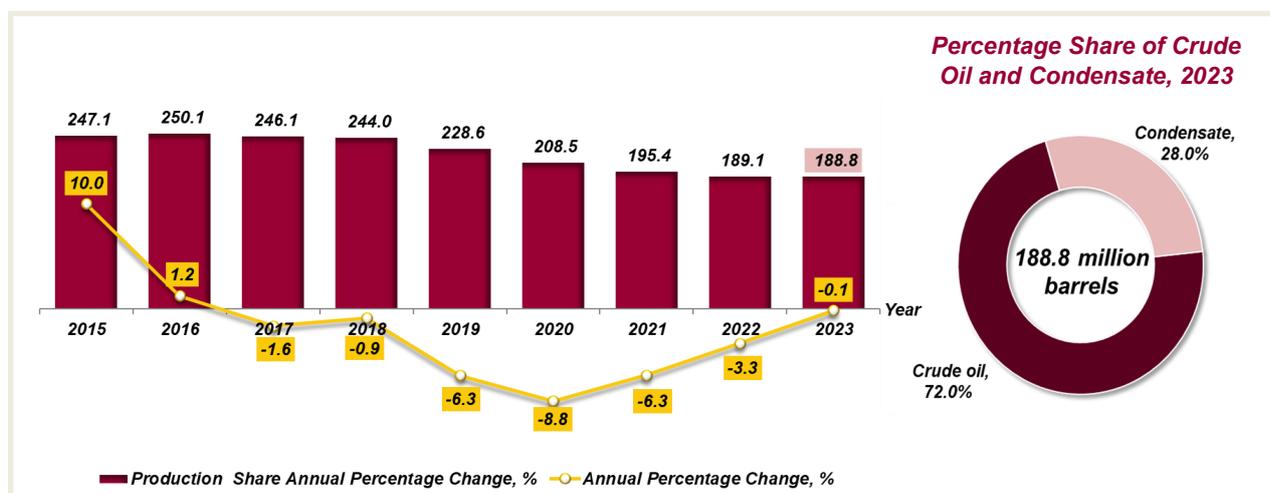


7. Performance of Crude Oil & Condensate and Natural Gas Production, 2023

The production of Crude oil & condensate recorded a negative 0.1 per cent to 188.8 million barrels in 2023 as compared to a negative 3.3 per cent in the previous year (2022: 189.1 million barrels). The growth contributed by a significant increase in Condensate production by 19.5 per cent.

In terms of contribution, Crude oil encompassed 72.0 per cent or 136.0 million barrels, while 28.0 per cent was contributed by Condensate with the production value of 52.8 million barrels (**Chart 8**).

Chart 8 Performance of Crude Oil and Condensate Production, 2023

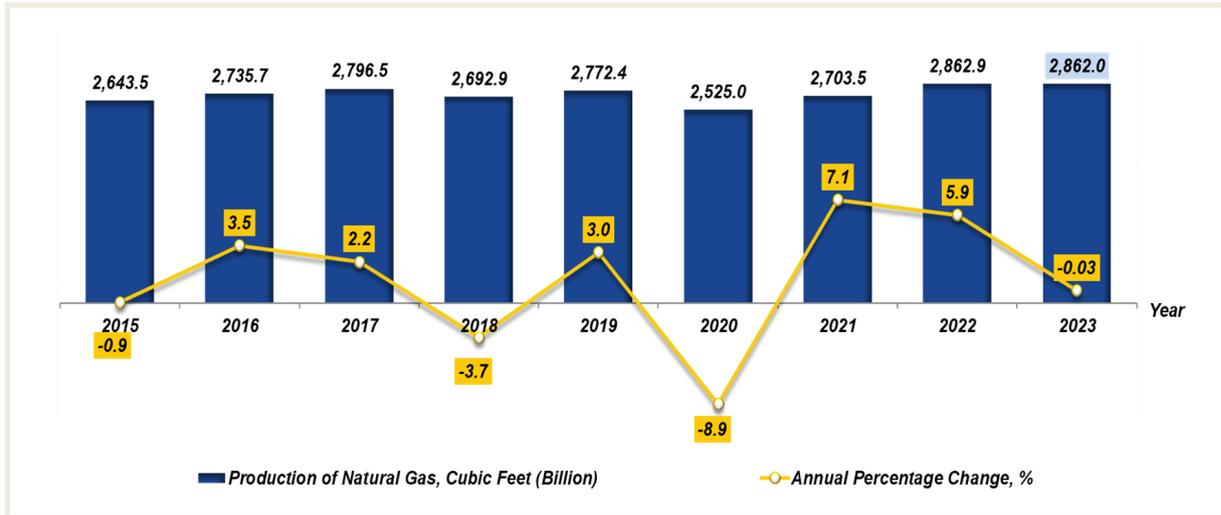


Note: Calculation by DOSM using the statistics from PETRONAS and MTJA



The production of Natural Gas dropped marginally to negative 0.03 per cent with a production value of 2,862.0 billion cubic feet in 2023 as compared to 5.9 per cent in previous year (2022: 2,862.9 billion cubic feet) as in **Chart 9**.

Chart 9 Performance of Natural Gas Production, 2023

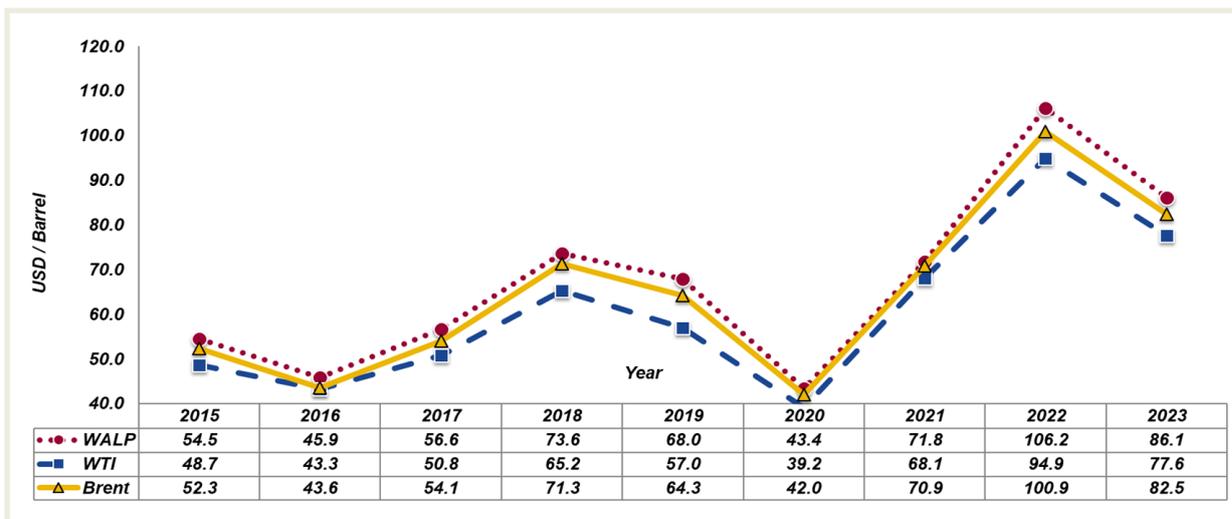


Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

8. Price of Crude Oil and Condensate, 2023

The price of WALP crude oil decreased to USD86.1 per barrel in 2023 as compared to USD106.2 per barrel in the previous year. Likewise, the price of WTI and Brent oil also dropped to USD77.6 per barrel (2022: USD94.9 per barrel) and USD82.5 per barrel (2022: USD100.9 per barrel) respectively as shown in **Chart 10**.

Chart 10 Prices of Crude Oil and Condensate, 2023



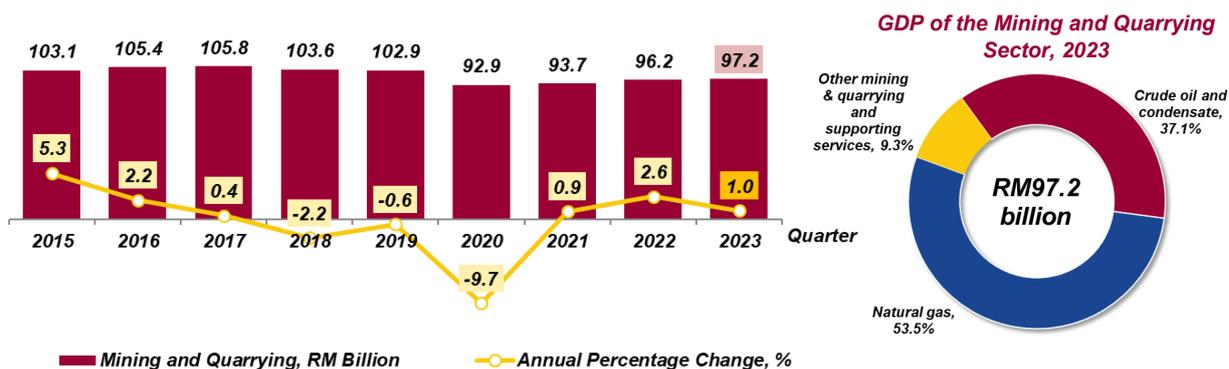
Source: PETRONAS and EIA



9. Gross Domestic Product of The Mining and Quarrying Sector at Constant 2015 Prices, 2023

The Gross Domestic Product (GDP) for the Mining and quarrying sector in 2023 grew 1.0 per cent as compared to 2.6 per cent recorded in the previous year. In terms of composition, Natural gas subsector was the main contributor with a share of 53.5 per cent, followed by Crude oil and condensate by 37.1 per cent in 2023.

Chart 11 Gross Domestic Product of the Mining and Quarrying Sector at Constant 2015 Prices , 2023



BAHAGIAN **2**
PART



JADUAL STATISTIK
STATISTICAL TABLES

1a **Pengeluaran Minyak Mentah & Kondensat dan Gas Asli - Tahunan**
Production of Crude Oil & Condensate and Natural Gas - Annually

| Keterangan <i>Description</i> | | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021^r | 2022^p | 2023^p |
|---|--|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|-------------------------|-------------------------|
| (A) Pengeluaran <i>Production</i> | | | | | | | | | | |
| Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i> | Juta Tong <i>Million Barrels</i> | 247.1 | 250.1 | 246.1 | 244.0 | 228.6 | 208.5 | 195.4 | 189.1 | 188.8 |
| Minyak Mentah <i>Crude Oil</i> | Juta Tong <i>Million Barrels</i> | 202.8 | 205.4 | 202.4 | 197.4 | 182.8 | 167.4 | 152.2 | 144.9 | 136.0 |
| Kondensat <i>Condensate</i> | Juta Tong <i>Million Barrels</i> | 44.3 | 44.7 | 43.7 | 46.6 | 45.8 | 41.1 | 43.2 | 44.2 | 52.8 |
| Gas Asli <i>Natural Gas</i> | BCF | 2,643.5 | 2,735.7 | 2,796.5 | 2,692.9 | 2,772.4 | 2,525.0 | 2,703.5 | 2,862.9 | 2,862.0 |
| (B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i> | | | | | | | | | | |
| Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i> | | 10.0 | 1.2 | -1.6 | -0.9 | -6.3 | -8.8 | -6.3 | -3.3 | -0.1 |
| Minyak Mentah <i>Crude Oil</i> | | 12.4 | 1.3 | -1.5 | -2.4 | -7.4 | -8.4 | -9.1 | -4.8 | -6.1 |
| Kondensat <i>Condensate</i> | | 0.2 | 0.9 | -2.2 | 6.5 | -1.7 | -10.2 | 5.2 | 2.2 | 19.5 |
| Gas Asli <i>Natural Gas</i> | | -0.9 | 3.5 | 2.2 | -3.7 | 3.0 | -8.9 | 7.1 | 5.9 | -0.03 |
| (C) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | | | | | |
| Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i> | | 100.0 | 100.0 | 100.0 |
| Minyak Mentah <i>Crude Oil</i> | | 82.1 | 82.1 | 82.2 | 80.9 | 80.0 | 80.3 | 77.9 | 76.6 | 72.0 |
| Kondensat <i>Condensate</i> | | 17.9 | 17.9 | 17.8 | 19.1 | 20.0 | 19.7 | 22.1 | 23.4 | 28.0 |
| Gas Asli <i>Natural Gas</i> | | 100.0 | 100.0 | 100.0 |

Nota / Notes :

Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA
Calculation by DOSM using the statistics from PETRONAS and MTJA

^p **Awalan / Preliminary**

^r **Disemak / Revised**

1b **Pengeluaran Minyak Mentah & Kondensat dan Gas Asli - Suku Tahunan**
Production of Crude Oil & Condensate and Natural Gas - Quarterly

| Keterangan Description | | 2021 ^r | | | | 2022 ^p | | | | 2023 ^p | | | |
|--|--|-------------------|-------|-------|-------|-------------------|-------|-------|-------|-------------------|-------|-------|-------|
| | | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Pengeluaran <i>Production</i> | | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i> | Juta Tong <i>Million Barrels</i> | 52.1 | 50.7 | 45.5 | 47.1 | 47.5 | 47.1 | 45.8 | 48.7 | 48.2 | 45.5 | 45.9 | 49.1 |
| Minyak Mentah <i>Crude Oil</i> | Juta Tong <i>Million Barrels</i> | 40.2 | 39.6 | 35.8 | 36.6 | 37.3 | 35.9 | 34.7 | 37.0 | 35.3 | 33.1 | 33.1 | 34.6 |
| Kondensat <i>Condensate</i> | Juta Tong <i>Million Barrels</i> | 11.9 | 11.2 | 9.7 | 10.5 | 10.2 | 11.2 | 11.0 | 11.7 | 13.0 | 12.5 | 12.8 | 14.5 |
| Gas Asli <i>Natural Gas</i> | BCF | 709.2 | 696.2 | 609.1 | 689.0 | 728.7 | 702.6 | 692.4 | 739.2 | 733.3 | 676.6 | 677.8 | 774.2 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i> | | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i> | | -11.4 | 5.2 | -9.7 | -7.9 | -8.8 | -7.2 | 0.6 | 3.5 | 1.5 | -3.3 | 0.3 | 0.9 |
| Minyak Mentah <i>Crude Oil</i> | | -14.9 | 1.9 | -12.1 | -9.9 | -7.2 | -9.4 | -3.0 | 1.0 | -5.5 | -7.9 | -4.8 | -6.4 |
| Kondensat <i>Condensate</i> | | 2.7 | 18.9 | 0.3 | 0.1 | -14.2 | 0.5 | 13.5 | 12.1 | 27.0 | 11.3 | 16.2 | 23.8 |
| Gas Asli <i>Natural Gas</i> | | 2.5 | 22.0 | 2.0 | 3.6 | 2.7 | 0.9 | 13.7 | 7.3 | 0.6 | -3.7 | -2.1 | 4.7 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i> | | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i> | | 1.9 | -2.6 | -10.3 | 3.4 | 0.9 | -0.9 | -2.8 | 6.5 | -1.0 | -5.6 | 0.9 | 7.0 |
| Minyak Mentah <i>Crude Oil</i> | | -1.1 | -1.5 | -9.6 | 2.3 | 1.9 | -3.8 | -3.2 | 6.5 | -4.7 | -6.3 | 0.1 | 4.6 |
| Kondensat <i>Condensate</i> | | 13.8 | -6.3 | -12.8 | 7.7 | -2.5 | 9.7 | -1.5 | 6.4 | 10.4 | -3.8 | 2.9 | 13.3 |
| Gas Asli <i>Natural Gas</i> | | 6.6 | -1.8 | -12.5 | 13.1 | 5.8 | -3.6 | -1.5 | 6.8 | -0.8 | -7.7 | 0.2 | 14.2 |
| (D) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i> | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Minyak Mentah <i>Crude Oil</i> | | 77.2 | 78.0 | 78.6 | 77.8 | 78.5 | 76.2 | 75.9 | 75.9 | 73.1 | 72.6 | 72.1 | 70.4 |
| Kondensat <i>Condensate</i> | | 22.8 | 22.0 | 21.4 | 22.2 | 21.5 | 23.8 | 24.1 | 24.1 | 26.9 | 27.4 | 27.9 | 29.6 |
| Gas Asli <i>Natural Gas</i> | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Nota / Notes :

Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA
Calculation by DOSM using the statistics from PETRONAS and MTJA

^p *Awalan / Preliminary*

^r *Disemak / Revised*

2a Harga Minyak dan Gas - Tahunan
Price of Oil and Gas - Annually

| Keterangan Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|-------|-------|------|------|-------|-------|------|-------|-------|
| (A) Harga (US Dollar) Price (US Dollar) | | | | | | | | | |
| Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel) | 54.5 | 45.9 | 56.6 | 73.6 | 68.0 | 43.4 | 71.8 | 106.2 | 86.1 |
| Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel] | 48.7 | 43.3 | 50.8 | 65.2 | 57.0 | 39.2 | 68.1 | 94.9 | 77.6 |
| Europe Brent Spot Price FOB [Products in Dollars per Barrel] | 52.3 | 43.6 | 54.1 | 71.3 | 64.3 | 42.0 | 70.9 | 100.9 | 82.5 |
| Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu] | 2.6 | 2.5 | 3.0 | 3.2 | 2.6 | 2.0 | 3.9 | 6.5 | 2.5 |
| (B) Perubahan Peratusan Tahunan Annual Percentage Change | | | | | | | | | |
| Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel) | -46.7 | -15.9 | 23.5 | 29.9 | -7.6 | -36.1 | 65.4 | 47.8 | -18.9 |
| Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel] | -47.8 | -11.0 | 17.3 | 28.4 | -12.6 | -31.3 | 74.0 | 39.3 | -18.3 |
| Europe Brent Spot Price FOB [Products in Dollars per Barrel] | -47.1 | -16.6 | 24.0 | 31.8 | -9.9 | -34.7 | 68.9 | 42.4 | -18.3 |
| Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu] | -40.0 | -3.8 | 18.7 | 5.4 | -18.8 | -20.7 | 91.6 | 65.8 | -60.8 |

Sumber / Sources : Energy Information Association (EIA) & PETRONAS

2b Harga Minyak dan Gas - Suku Tahunan
Price of Oil and Gas - Quarterly

| Keterangan Description | 2021 | | | | 2022 | | | | 2023 | | | |
|---|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Harga (US Dollar) Price (US Dollar) | | | | | | | | | | | | |
| Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel) | 62.1 | 69.9 | 74.1 | 82.1 | 105.6 | 116.5 | 108.8 | 94.5 | 85.6 | 80.5 | 89.4 | 88.5 |
| Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel] | 57.8 | 66.1 | 70.6 | 77.4 | 94.5 | 108.7 | 93.2 | 82.8 | 76.1 | 73.8 | 82.3 | 78.4 |
| Europe Brent Spot Price FOB [Products in Dollars per Barrel] | 60.8 | 68.8 | 73.5 | 79.6 | 100.3 | 113.5 | 100.7 | 88.6 | 81.2 | 78.3 | 86.7 | 83.7 |
| Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu] | 3.6 | 2.9 | 4.4 | 4.8 | 4.7 | 7.5 | 8.0 | 5.5 | 2.7 | 2.2 | 2.6 | 2.7 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year | | | | | | | | | | | | |
| Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel) | 11.4 | 149.9 | 67.7 | 89.4 | 70.1 | 66.7 | 46.7 | 15.1 | -18.9 | -30.9 | -17.8 | -6.4 |
| Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel] | 26.3 | 137.7 | 72.7 | 82.4 | 63.4 | 64.5 | 31.9 | 6.9 | -19.5 | -32.2 | -11.7 | -5.3 |
| Europe Brent Spot Price FOB [Products in Dollars per Barrel] | 20.6 | 134.6 | 71.0 | 79.7 | 64.9 | 65.0 | 37.1 | 11.3 | -19.1 | -31.0 | -14.0 | -5.5 |
| Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu] | 86.7 | 72.5 | 118.2 | 88.7 | 30.8 | 154.1 | 83.4 | 16.2 | -43.0 | -71.1 | -67.6 | -50.7 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter | | | | | | | | | | | | |
| Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel) | 43.2 | 12.5 | 6.1 | 10.8 | 28.6 | 10.3 | -6.6 | -13.1 | -9.4 | -6.0 | 11.1 | -1.0 |
| Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel] | 36.1 | 14.4 | 6.9 | 9.7 | 22.0 | 15.1 | -14.3 | -11.2 | -8.1 | -3.0 | 11.6 | -4.7 |
| Europe Brent Spot Price FOB [Products in Dollars per Barrel] | 37.3 | 13.2 | 6.7 | 8.3 | 26.0 | 13.2 | -11.3 | -12.1 | -8.3 | -3.5 | 10.7 | -3.4 |
| Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu] | 40.7 | -17.3 | 48.0 | 9.6 | -2.4 | 60.6 | 6.8 | -30.6 | -52.2 | -18.5 | 19.7 | 5.7 |

Sumber / Sources : Energy Information Association (EIA) & PETRONAS

3a **Pengeluaran Produk Petroleum Bertapis - Tahunan**
Production of Refined Petroleum Products - Annually

| Keterangan <i>Description</i> | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| (A) Pengeluaran ('000 Tan Metrik) <i>Production ('000 Metric Tonnes)</i> | | | | | | | | | |
| Gas Asli Cecair / Liquefied Natural Gas | 25,421 | 26,203 | 27,107 | 28,161 | 28,672 | 26,576 | 29,012 | 31,283 | 31,280 |
| Gas Petroleum Cecair / Liquefied Petroleum Gas | 2,293 | 2,365 | 2,449 | 2,722 | 2,901 | 2,549 | 2,693 | 2,678 | 2,325 |
| Gasolin (Spirit Motor) / Gasoline (Motor Spirit) | 5,372 | 5,539 | 5,733 | 5,828 | 5,862 | 4,981 | 6,433 | 6,466 | 4,639 |
| Minyak Bahan Api / Fuel Oil | 2,642 | 2,720 | 2,815 | 2,802 | 2,701 | 2,089 | 2,119 | 1,990 | 1,935 |
| Minyak Diesel / Gas / Diesel / Gas Oil | 11,395 | 11,749 | 12,151 | 12,216 | 13,019 | 10,922 | 12,881 | 15,332 | 16,187 |
| Minyak Pelincir Campuran / Blended Lubricating Oil | 89 | 83 | 150 | 158 | 138 | 92 | 107 | 145 | 186 |
| Minyak Tanah / Kerosene | 3,706 | 3,817 | 3,947 | 4,123 | 4,236 | 3,695 | 4,168 | 3,158 | 3,275 |
| Nafta / Naptha | 3,787 | 3,904 | 4,045 | 4,266 | 4,336 | 3,754 | 3,901 | 3,259 | 2,975 |
| Jumlah / Total | 54,704 | 56,381 | 58,397 | 60,277 | 61,864 | 54,658 | 61,314 | 64,311 | 62,803 |
| (B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i> | | | | | | | | | |
| Gas Asli Cecair / Liquefied Natural Gas | -2.8 | 3.1 | 3.5 | 3.9 | 1.8 | -7.3 | 9.2 | 7.8 | 0.0 |
| Gas Petroleum Cecair / Liquefied Petroleum Gas | -3.8 | 3.1 | 3.5 | 11.2 | 6.6 | -12.1 | 5.6 | -0.6 | -13.2 |
| Gasolin (Spirit Motor) / Gasoline (Motor Spirit) | 1.2 | 3.1 | 3.5 | 1.7 | 0.6 | -15.0 | 29.2 | 0.5 | -28.3 |
| Minyak Bahan Api / Fuel Oil | -0.3 | 3.0 | 3.5 | -0.5 | -3.6 | -22.7 | 1.4 | -6.1 | -2.8 |
| Minyak Diesel / Gas / Diesel / Gas Oil | 2.9 | 3.1 | 3.4 | 0.5 | 6.6 | -16.1 | 17.9 | 19.0 | 5.6 |
| Minyak Pelincir Campuran / Blended Lubricating Oil | -42.9 | -7.0 | 80.7 | 5.4 | -12.4 | -33.3 | 15.4 | 35.7 | 28.8 |
| Minyak Tanah / Kerosene | 6.3 | 3.0 | 3.4 | 4.5 | 2.7 | -12.8 | 12.8 | -24.2 | 3.7 |
| Nafta / Naptha | 6.4 | 3.1 | 3.6 | 5.5 | 1.6 | -13.4 | 3.9 | -16.5 | -8.7 |
| Jumlah / Total | -0.1 | 3.1 | 3.6 | 3.2 | 2.6 | -11.6 | 12.2 | 4.9 | -2.3 |
| (C) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | | | | |
| Gas Asli Cecair / Liquefied Natural Gas | 46.5 | 46.5 | 46.4 | 46.7 | 46.3 | 48.6 | 47.3 | 48.6 | 49.8 |
| Gas Petroleum Cecair / Liquefied Petroleum Gas | 4.2 | 4.2 | 4.2 | 4.5 | 4.7 | 4.7 | 4.4 | 4.2 | 3.7 |
| Gasolin (Spirit Motor) / Gasoline (Motor Spirit) | 9.8 | 9.8 | 9.8 | 9.7 | 9.5 | 9.1 | 10.5 | 10.1 | 7.4 |
| Minyak Bahan Api / Fuel Oil | 4.8 | 4.8 | 4.8 | 4.6 | 4.4 | 3.8 | 3.5 | 3.1 | 3.1 |
| Minyak Diesel / Gas / Diesel / Gas Oil | 20.8 | 20.8 | 20.8 | 20.3 | 21.0 | 20.0 | 21.0 | 23.8 | 25.8 |
| Minyak Pelincir Campuran / Blended Lubricating Oil | 0.2 | 0.1 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| Minyak Tanah / Kerosene | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 4.9 | 5.2 |
| Nafta / Naptha | 6.9 | 6.9 | 6.9 | 7.1 | 7.0 | 6.9 | 6.4 | 5.1 | 4.7 |
| Jumlah / Total | 100.0 |

Sumber : Perangkaan Pembuatan Bulanan
Source : Monthly Manufacturing Statistics

3b Pengeluaran Produk Petroleum Bertapis - Suku Tahunan
Production of Refined Petroleum Products - Quarterly

| Keterangan Description | 2021 | | | | 2022 | | | | 2023 | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Pengeluaran ('000 Tan Metrik) Production ('000 Metric Tonnes) | | | | | | | | | | | | |
| Gas Asli Cecair / Liquefied Natural Gas | 7,637 | 6,904 | 7,202 | 7,269 | 8,023 | 7,385 | 8,337 | 7,539 | 8,390 | 7,069 | 7,888 | 7,933 |
| Gas Petroleum Cecair / Liquefied Petroleum Gas | 657 | 650 | 658 | 728 | 673 | 705 | 654 | 645 | 670 | 528 | 605 | 521 |
| Gasolin (Spirit Motor) / Gasoline (Motor Spirit) | 1,473 | 1,541 | 1,760 | 1,660 | 1,446 | 1,827 | 1,834 | 1,359 | 1,159 | 1,327 | 1,269 | 883 |
| Minyak Bahan Api / Fuel Oil | 523 | 509 | 574 | 512 | 516 | 446 | 500 | 529 | 438 | 478 | 558 | 462 |
| Minyak Diesel / Gas / Diesel / Gas Oil | 2,975 | 2,682 | 3,632 | 3,593 | 3,401 | 2,804 | 4,374 | 4,753 | 4,741 | 3,070 | 4,009 | 4,368 |
| Minyak Pelincir Campuran / Blended Lubricating Oil | 19 | 24 | 34 | 30 | 23 | 29 | 48 | 45 | 36 | 41 | 52 | 56 |
| Minyak Tanah / Kerosene | 927 | 1,034 | 1,097 | 1,110 | 827 | 774 | 745 | 812 | 799 | 1,009 | 701 | 767 |
| Nafta / Naptha | 1,024 | 965 | 968 | 945 | 865 | 805 | 806 | 783 | 738 | 937 | 643 | 657 |
| Jumlah / Total | 15,235 | 14,309 | 15,925 | 15,846 | 15,773 | 14,776 | 17,297 | 16,465 | 16,971 | 14,460 | 15,726 | 15,647 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year | | | | | | | | | | | | |
| Gas Asli Cecair / Liquefied Natural Gas | 1.4 | 33.9 | 10.4 | -1.4 | 5.1 | 7.0 | 15.8 | 3.7 | 4.6 | -4.3 | -5.4 | 5.2 |
| Gas Petroleum Cecair / Liquefied Petroleum Gas | -10.5 | 24.6 | 2.1 | 12.2 | 2.5 | 8.5 | -0.6 | -11.4 | -0.4 | -25.1 | -7.4 | -19.2 |
| Gasolin (Spirit Motor) / Gasoline (Motor Spirit) | -6.7 | 82.0 | 46.6 | 22.5 | -1.8 | 18.6 | 4.2 | -18.1 | -19.8 | -27.4 | -30.8 | -35.0 |
| Minyak Bahan Api / Fuel Oil | -36.7 | 41.3 | 33.1 | 8.8 | -1.4 | -12.5 | -12.9 | 3.3 | -15.1 | 7.1 | 11.6 | -12.7 |
| Minyak Diesel / Gas / Diesel / Gas Oil | -16.8 | 41.4 | 35.6 | 29.6 | 14.3 | 4.6 | 20.4 | 32.3 | 39.4 | 9.5 | -8.3 | -8.1 |
| Minyak Pelincir Campuran / Blended Lubricating Oil | -23.7 | 39.4 | 28.4 | 24.0 | 23.8 | 21.0 | 40.3 | 49.6 | 56.3 | 43.9 | 9.1 | 25.9 |
| Minyak Tanah / Kerosene | -20.2 | 38.6 | 26.7 | 20.4 | -10.8 | -25.1 | -32.1 | -26.9 | -3.4 | 30.4 | -5.9 | -5.6 |
| Nafta / Naptha | -12.1 | 13.4 | 20.5 | 1.0 | -15.5 | -16.6 | -16.8 | -17.1 | -14.7 | 16.4 | -20.2 | -16.2 |
| Jumlah / Total | -8.2 | 37.7 | 20.9 | 9.3 | 3.5 | 3.3 | 8.6 | 3.9 | 7.6 | -2.1 | -9.1 | -5.0 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter | | | | | | | | | | | | |
| Gas Asli Cecair / Liquefied Natural Gas | 3.6 | -9.6 | 4.3 | 0.9 | 10.4 | -7.9 | 12.9 | -9.6 | 11.3 | -15.7 | 11.6 | 0.6 |
| Gas Petroleum Cecair / Liquefied Petroleum Gas | 1.2 | -1.0 | 1.2 | 10.7 | -7.6 | 4.8 | -7.3 | -1.3 | 3.8 | -21.2 | 14.6 | -13.9 |
| Gasolin (Spirit Motor) / Gasoline (Motor Spirit) | 8.7 | 4.7 | 14.2 | -5.7 | -12.9 | 26.4 | 0.3 | -25.9 | -14.7 | 14.5 | -4.4 | -30.4 |
| Minyak Bahan Api / Fuel Oil | 11.3 | -2.7 | 12.7 | -10.9 | 0.8 | -13.6 | 12.2 | 5.7 | -17.2 | 9.1 | 16.9 | -17.3 |
| Minyak Diesel / Gas / Diesel / Gas Oil | 7.3 | -9.8 | 35.4 | -1.1 | -5.3 | -17.5 | 56.0 | 8.7 | -0.3 | -35.2 | 30.6 | 8.9 |
| Minyak Pelincir Campuran / Blended Lubricating Oil | -22.1 | 25.8 | 43.5 | -11.8 | -22.2 | 23.0 | 66.4 | -6.0 | -18.7 | 13.2 | 26.0 | 8.5 |
| Minyak Tanah / Kerosene | 0.6 | 11.5 | 6.1 | 1.2 | -25.5 | -6.4 | -3.7 | 9.0 | -1.6 | 26.3 | -30.5 | 9.4 |
| Nafta / Naptha | 9.5 | -5.8 | 0.3 | -2.4 | -8.4 | -7.0 | 0.1 | -2.8 | -5.8 | 26.9 | -31.3 | 2.1 |
| Jumlah / Total | 5.1 | -6.1 | 11.3 | -0.5 | -0.5 | -6.3 | 17.1 | -4.8 | 3.1 | -14.8 | 8.8 | -0.5 |
| (D) Peratusan Sumbangan Percentage Share | | | | | | | | | | | | |
| Gas Asli Cecair / Liquefied Natural Gas | 50.1 | 48.2 | 45.2 | 45.9 | 50.9 | 50.0 | 48.2 | 45.8 | 49.4 | 48.9 | 50.2 | 50.7 |
| Gas Petroleum Cecair / Liquefied Petroleum Gas | 4.3 | 4.5 | 4.1 | 4.6 | 4.3 | 4.8 | 3.8 | 3.9 | 3.9 | 3.7 | 3.8 | 3.3 |
| Gasolin (Spirit Motor) / Gasoline (Motor Spirit) | 9.7 | 10.8 | 11.0 | 10.5 | 9.2 | 12.4 | 10.6 | 8.3 | 6.8 | 9.2 | 8.1 | 5.6 |
| Minyak Bahan Api / Fuel Oil | 3.4 | 3.6 | 3.6 | 3.2 | 3.3 | 3.0 | 2.9 | 3.2 | 2.6 | 3.3 | 3.5 | 3.0 |
| Minyak Diesel / Gas / Diesel / Gas Oil | 19.5 | 18.7 | 22.8 | 22.7 | 21.6 | 19.0 | 25.3 | 28.9 | 27.9 | 21.2 | 25.5 | 27.9 |
| Minyak Pelincir Campuran / Blended Lubricating Oil | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.4 |
| Minyak Tanah / Kerosene | 6.1 | 7.2 | 6.9 | 7.0 | 5.2 | 5.2 | 4.3 | 4.9 | 4.7 | 7.0 | 4.5 | 4.9 |
| Nafta / Naptha | 6.7 | 6.7 | 6.1 | 6.0 | 5.5 | 5.4 | 4.7 | 4.8 | 4.3 | 6.5 | 4.1 | 4.2 |
| Jumlah / Total | 100.0 |

Sumber : Perangkaan Pembuatan Bulanan
Source : Monthly Manufacturing Statistics

4a Nilai Jualan Berkaitan Produk Petroleum - Tahunan
Sales Value of Related Petroleum Products - Annually

| Keterangan Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | |
| Jualan Produk Petroleum Bertapis¹ Refined Petroleum Products ¹ | 126,127 | 99,522 | 129,773 | 141,655 | 149,476 | 128,477 | 175,557 | 249,901 | 224,714 |
| Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² Wholesale of Solid, Liquid & Gaseous Fuels and Related Products ² | 109,902 | 114,340 | 126,617 | 133,478 | 141,677 | 123,448 | 136,381 | 148,199 | 152,706 |
| Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² Retail Sale of Automotive Fuel in Specialised Stores ² | 30,759 | 33,599 | 38,570 | 42,843 | 44,610 | 38,654 | 40,817 | 58,539 | 66,748 |
| (B) Perubahan Peratusan Tahunan Annual Percentage Change | | | | | | | | | |
| Jualan Produk Petroleum Bertapis¹ Refined Petroleum Products ¹ | -5.5 | -21.1 | 30.4 | 9.2 | 5.5 | -14.0 | 36.6 | 42.3 | -10.1 |
| Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² Wholesale of Solid, Liquid & Gaseous Fuels and Related Products ² | 1.5 | 4.0 | 10.7 | 5.4 | 6.1 | -12.9 | 10.5 | 8.7 | 3.0 |
| Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² Retail Sale of Automotive Fuel in Specialised Stores ² | 13.3 | 9.2 | 14.8 | 11.1 | 4.1 | -13.4 | 5.6 | 43.4 | 14.0 |

Sumber / Source :

¹ Perangkaan Pembuatan Bulanan / Monthly Manufacturing Statistics

² Jabatan Perangkaan Malaysia (DOSM) / Department of Statistics, Malaysia (DOSM)

4b Nilai Jualan Berkaitan Produk Petroleum - Suku Tahunan
Sales Value of Related Petroleum Products - Quarterly

| Keterangan Description | 2021 | | | | 2022 | | | | 2023 | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | | | | |
| Jualan Produk Petroleum Bertapis¹ Refined Petroleum Products ¹ | 33,513 | 44,230 | 48,092 | 49,722 | 45,669 | 60,286 | 75,616 | 68,330 | 55,680 | 56,542 | 58,478 | 54,015 |
| Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² Wholesale of Solid, Liquid & Gaseous Fuels and Related Products ² | 34,432 | 34,208 | 31,952 | 35,789 | 36,494 | 38,027 | 37,543 | 36,135 | 36,116 | 37,572 | 40,112 | 38,906 |
| Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² Retail Sale of Automotive Fuel in Specialised Stores ² | 10,061 | 9,259 | 10,053 | 11,444 | 11,544 | 15,044 | 15,724 | 16,227 | 16,500 | 16,718 | 16,759 | 16,772 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year | | | | | | | | | | | | |
| Jualan Produk Petroleum Bertapis¹ Refined Petroleum Products ¹ | -17.6 | 59.8 | 66.8 | 58.9 | 36.3 | 36.3 | 57.2 | 37.4 | 21.9 | -6.2 | -22.7 | -21.0 |
| Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² Wholesale of Solid, Liquid & Gaseous Fuels and Related Products ² | -3.9 | 48.6 | 4.8 | 4.9 | 6.0 | 11.2 | 17.5 | 1.0 | -1.0 | -1.2 | 6.8 | 7.7 |
| Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² Retail Sale of Automotive Fuel in Specialised Stores ² | -5.5 | 25.6 | -5.1 | 14.0 | 14.7 | 62.5 | 56.4 | 41.8 | 42.9 | 11.1 | 6.6 | 3.4 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter | | | | | | | | | | | | |
| Jualan Produk Petroleum Bertapis¹ Refined Petroleum Products ¹ | 7.1 | 32.0 | 8.7 | 3.4 | -8.2 | 32.0 | 25.4 | -9.6 | -18.5 | 1.5 | 3.4 | -7.6 |
| Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² Wholesale of Solid, Liquid & Gaseous Fuels and Related Products ² | 1.0 | -0.7 | -6.6 | 12.0 | 2.0 | 4.2 | -1.3 | -3.8 | -0.1 | 4.0 | 6.8 | -3.0 |
| Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² Retail Sale of Automotive Fuel in Specialised Stores ² | 0.2 | -8.0 | 8.6 | 13.8 | 0.9 | 30.3 | 4.5 | 3.2 | 1.7 | 1.3 | 0.2 | 0.1 |

Sumber / Source :

¹ Perangkaan Pembuatan Bulanan / Monthly Manufacturing Statistics

² Jabatan Perangkaan Malaysia (DOSM) / Department of Statistics, Malaysia (DOSM)

5a Nilai Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan
Export Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

| Keterangan <i>Description</i> | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 ^f | 2023 ^p |
|--|--------|--------|--------|--------|--------|--------|--------|-------------------|-------------------|
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 26,696 | 23,457 | 29,889 | 38,183 | 29,118 | 19,744 | 20,054 | 35,225 | 31,943 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 41,397 | 46,057 | 56,934 | 65,649 | 61,803 | 53,729 | 86,160 | 149,836 | 133,871 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 44,603 | 32,017 | 40,460 | 42,322 | 42,484 | 29,868 | 38,193 | 68,002 | 59,602 |
| (B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -21.0 | -12.1 | 27.4 | 27.7 | -23.7 | -32.2 | 1.6 | 75.6 | -9.3 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -31.5 | 11.3 | 23.6 | 15.3 | -5.9 | -13.1 | 60.4 | 73.9 | -10.7 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -30.6 | -28.2 | 26.4 | 4.6 | 0.4 | -29.7 | 27.9 | 78.1 | -12.4 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p **Awalan / Preliminary**

^f **Muktamad / Final**

5b Nilai Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan
Export Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|--------|--------|--------|--------|-------------------|--------|--------|--------|-------------------|--------|--------|--------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 4,703 | 5,430 | 5,138 | 4,783 | 7,517 | 9,695 | 10,142 | 7,872 | 8,311 | 6,466 | 7,820 | 9,346 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 14,146 | 22,645 | 24,911 | 24,458 | 20,580 | 36,300 | 53,465 | 39,492 | 33,861 | 35,284 | 30,980 | 33,745 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 8,142 | 8,501 | 9,660 | 11,890 | 13,257 | 15,574 | 19,079 | 20,092 | 17,759 | 12,756 | 12,500 | 16,587 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -28.8 | 80.1 | -13.1 | 13.7 | 59.8 | 78.5 | 97.4 | 64.6 | 10.6 | -33.3 | -22.9 | 18.7 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -19.5 | 90.5 | 109.9 | 97.4 | 45.5 | 60.3 | 114.6 | 61.5 | 64.5 | -2.8 | -42.1 | -14.6 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -26.9 | 17.9 | 90.7 | 84.0 | 62.8 | 83.2 | 97.5 | 69.0 | 34.0 | -18.1 | -34.5 | -17.4 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 11.8 | 15.5 | -5.4 | -6.9 | 57.2 | 29.0 | 4.6 | -22.4 | 5.6 | -22.2 | 20.9 | 19.5 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 14.2 | 60.1 | 10.0 | -1.8 | -15.9 | 76.4 | 47.3 | -26.1 | -14.3 | 4.2 | -12.2 | 8.9 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 26.0 | 4.4 | 13.6 | 23.1 | 11.5 | 17.5 | 22.5 | 5.3 | -11.6 | -28.2 | -2.0 | 32.7 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

6a **Volum Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan**
Exports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

| Keterangan <i>Description</i> | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022^f | 2023^p |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------------------|
| (A) Volum ('000 Tan Metrik) <i>Volume ('000 Metric Tonnes)</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 16,062 | 16,635 | 16,558 | 17,139 | 13,746 | 13,685 | 9,590 | 9,852 | 10,368 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 20,854 | 28,647 | 29,487 | 29,486 | 28,134 | 34,682 | 37,906 | 41,764 | 41,785 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 24,801 | 25,273 | 27,083 | 23,955 | 25,498 | 24,083 | 24,697 | 27,316 | 26,985 |
| (B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 24.1 | 3.6 | -0.5 | 3.5 | -19.8 | -0.4 | -29.9 | 2.7 | 5.2 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -6.8 | 37.4 | 2.9 | 0.0 | -4.6 | 23.3 | 9.3 | 10.2 | 0.1 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -2.6 | 1.9 | 7.2 | -11.5 | 6.4 | -5.5 | 2.5 | 10.6 | -1.2 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p **Awalan / Preliminary**

^f **Muktamad / Final**

6b **Volu Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan**
Exports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|-------|--------|--------|-------|-------------------|-------|--------|--------|-------------------|--------|-------|-------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Volu ('000 Tan Metrik) <i>Volume ('000 Metric Tonnes)</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 2,849 | 2,604 | 2,240 | 1,897 | 2,533 | 2,583 | 2,536 | 2,200 | 2,703 | 2,213 | 2,690 | 2,761 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 7,821 | 10,472 | 10,742 | 8,871 | 6,499 | 9,613 | 14,255 | 11,397 | 10,622 | 11,762 | 9,470 | 9,930 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 6,704 | 6,127 | 5,667 | 6,199 | 6,888 | 6,717 | 6,746 | 6,965 | 7,385 | 6,049 | 6,061 | 7,490 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -10.0 | -0.7 | -51.9 | -41.5 | -11.1 | -0.8 | 13.2 | 16.0 | 6.7 | -14.3 | 6.1 | 25.5 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -9.9 | 12.0 | 30.9 | 5.1 | -16.9 | -8.2 | 32.7 | 28.5 | 63.5 | 22.4 | -33.6 | -12.9 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -1.4 | 20.2 | -3.8 | -1.5 | 2.7 | 9.6 | 19.0 | 12.4 | 7.2 | -10.0 | -10.2 | 7.5 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -12.2 | -8.6 | -14.0 | -15.3 | 33.6 | 2.0 | -1.8 | -13.2 | 22.9 | -18.1 | 21.6 | 2.6 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -7.4 | 33.9 | 2.6 | -17.4 | -26.7 | 47.9 | 48.3 | -20.1 | -6.8 | 10.7 | -19.5 | 4.9 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 6.6 | -8.6 | -7.5 | 9.4 | 11.1 | -2.5 | 0.4 | 3.3 | 6.0 | -18.1 | 0.2 | 23.6 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

7a Nilai Eksport Petroleum Mentah dan Kondensat mengikut Negara Destinasi - Tahunan
Export Value of Crude Petroleum and Condensate by Country of Destination - Annually

| Keterangan Description | 2018 | 2019 | 2020 | 2021 | 2022 ^f | 2023 ^p |
|--|---------------|---------------|---------------|---------------|-------------------|-------------------|
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | |
| Australia | 11,397 | 7,208 | 5,179 | 5,845 | 8,431 | 6,242 |
| Bangladesh | - | - | - | - | 253 | 493 |
| Brunei Darussalam | 14 | 15 | 334 | 1,901 | 4,818 | 3,860 |
| China | 704 | 224 | 1,033 | 390 | 241 | 597 |
| Hong Kong | - | - | - | - | - | 137 |
| India | 7,960 | 6,604 | 3,832 | 2,723 | 5,291 | 2,078 |
| Indonesia | 1,699 | 660 | 506 | 375 | 48 | 299 |
| Italy | 98 | - | - | - | - | - |
| Japan | 1,189 | 1,071 | 2,036 | 2,494 | 4,622 | 6,177 |
| Korea, Republic Of | 83 | 416 | 1,019 | 12 | 290 | 429 |
| New Zealand | 1,893 | 1,723 | 908 | 472 | - | - |
| Nigeria | - | - | 23 | - | - | - |
| Papua New Guinea | 187 | - | 38 | 68 | - | 253 |
| Philippines | 988 | 752 | 221 | 602 | 740 | 603 |
| Saudi Arabia | - | 103 | - | - | - | - |
| Singapore | 4,058 | 4,298 | 1,540 | 1,174 | 2,013 | 1,859 |
| Taiwan, Province Of China | - | - | - | - | - | 87 |
| Thailand | 6,105 | 5,810 | 3,055 | 3,998 | 7,919 | 8,600 |
| United States | 90 | - | - | - | - | - |
| Viet Nam | 184 | 233 | 20 | - | 558 | 231 |
| Other countries | - | - | - | - | 0 | - |
| Jumlah / Total | 36,649 | 29,118 | 19,744 | 20,054 | 35,225 | 31,943 |
| (B) Peratusan Sumbangan Percentage Share | | | | | | |
| Australia | 31.1 | 24.8 | 26.2 | 29.1 | 23.9 | 19.5 |
| Bangladesh | - | - | - | - | 0.7 | 1.5 |
| Brunei Darussalam | 0.0 | 0.1 | 1.7 | 9.5 | 13.7 | 12.1 |
| China | 1.9 | 0.8 | 5.2 | 1.9 | 0.7 | 1.9 |
| Hong Kong | - | - | - | - | - | 0.4 |
| India | 21.7 | 22.7 | 19.4 | 13.6 | 15.0 | 6.5 |
| Indonesia | 4.6 | 2.3 | 2.6 | 1.9 | 0.1 | 0.9 |
| Italy | 0.3 | - | - | - | - | - |
| Japan | 3.2 | 3.7 | 10.3 | 12.4 | 13.1 | 19.3 |
| Korea, Republic Of | 0.2 | 1.4 | 5.2 | 0.1 | 0.8 | 1.3 |
| New Zealand | 5.2 | 5.9 | 4.6 | 2.4 | - | - |
| Nigeria | - | - | 0.1 | - | - | - |
| Papua New Guinea | 0.5 | - | 0.2 | 0.3 | - | 0.8 |
| Philippines | 2.7 | 2.6 | 1.1 | 3.0 | 2.1 | 1.9 |
| Saudi Arabia | - | 0.4 | - | - | - | - |
| Singapore | 11.1 | 14.8 | 7.8 | 5.9 | 5.7 | 5.8 |
| Taiwan, Province Of China | - | - | - | - | - | 0.3 |
| Thailand | 16.7 | 20.0 | 15.5 | 19.9 | 22.5 | 26.9 |
| United States | 0.2 | - | - | - | - | - |
| Viet Nam | 0.5 | 0.8 | 0.1 | - | 1.6 | 0.7 |
| Other countries | - | - | - | - | 0.0 | - |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

7b Nilai Eksport Petroleum Mentah dan Kondensat mengikut Negara Destinasi - Suku Tahunan
Export Value of Crude Petroleum and Condensate by Country of Destination - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|--------------|--------------|--------------|--------------|-------------------|--------------|---------------|--------------|-------------------|--------------|--------------|--------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | | | | |
| Australia | 1,536 | 1,430 | 1,392 | 1,487 | 1,604 | 2,691 | 2,188 | 1,947 | 2,044 | 1,112 | 1,433 | 1,652 |
| Bangladesh | - | - | - | - | - | - | 253 | - | 135 | 199 | 24 | 136 |
| Brunei Darussalam | 132 | 542 | 636 | 592 | 632 | 1,107 | 1,992 | 1,088 | 768 | 598 | 969 | 1,525 |
| China | 147 | 88 | 156 | - | - | 146 | - | 95 | 255 | 122 | - | 220 |
| Hong Kong | - | - | - | - | - | - | - | - | - | - | - | 137 |
| India | 852 | 899 | 353 | 619 | 1,375 | 1,439 | 1,448 | 1,029 | 501 | 622 | 595 | 361 |
| Indonesia | 302 | 23 | - | 50 | 48 | - | - | - | - | - | - | 299 |
| Italy | - | - | - | - | - | - | - | - | - | - | - | - |
| Japan | 412 | 436 | 900 | 745 | 1,115 | 422 | 1,495 | 1,589 | 1,605 | 1,654 | 1,825 | 1,093 |
| Korea, Republic Of | 12 | - | - | - | - | 290 | - | - | - | 112 | 115 | 203 |
| New Zealand | 194 | - | 68 | 210 | - | - | - | - | - | - | - | - |
| Nigeria | - | - | - | - | - | - | - | - | - | - | - | - |
| Papua New Guinea | 68 | - | - | - | - | - | - | - | - | - | - | 253 |
| Philippines | - | 149 | 133 | 319 | 482 | 259 | - | - | 366 | 109 | - | 128 |
| Saudi Arabia | - | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | 287 | 519 | 276 | 92 | 96 | 701 | 900 | 316 | 283 | 432 | 347 | 796 |
| Taiwan, Province Of China | - | - | - | - | - | - | - | - | - | - | 87 | - |
| Thailand | 762 | 1,344 | 1,223 | 669 | 2,004 | 2,364 | 1,791 | 1,761 | 2,338 | 1,507 | 2,293 | 2,462 |
| United States | - | - | - | - | - | - | - | - | - | - | - | - |
| Viet Nam | - | - | - | - | 160 | 276 | 76 | 46 | 17 | - | 132 | 83 |
| Other countries | - | - | - | - | - | 0 | - | - | - | - | - | - |
| Jumlah / Total | 4,703 | 5,430 | 5,138 | 4,783 | 7,517 | 9,695 | 10,142 | 7,872 | 8,311 | 6,466 | 7,820 | 9,346 |
| (B) Peratusan Sumbangan Percentage Share | | | | | | | | | | | | |
| Australia | 32.7 | 26.3 | 27.1 | 31.1 | 21.3 | 27.8 | 21.6 | 24.7 | 24.6 | 17.2 | 18.3 | 17.7 |
| Bangladesh | - | - | - | - | - | - | 2.5 | - | 1.6 | 3.1 | 0.3 | 1.5 |
| Brunei Darussalam | 2.8 | 10.0 | 12.4 | 12.4 | 8.4 | 11.4 | 19.6 | 13.8 | 9.2 | 9.2 | 12.4 | 16.3 |
| China | 3.1 | 1.6 | 3.0 | - | - | 1.5 | - | 1.2 | 3.1 | 1.9 | - | 2.4 |
| Hong Kong | - | - | - | - | - | - | - | - | - | - | - | 1.5 |
| India | 18.1 | 16.6 | 6.9 | 12.9 | 18.3 | 14.8 | 14.3 | 13.1 | 6.0 | 9.6 | 7.6 | 3.9 |
| Indonesia | 6.4 | 0.4 | - | 1.0 | 0.6 | - | - | - | - | - | - | 3.2 |
| Italy | - | - | - | - | - | - | - | - | - | - | - | - |
| Japan | 8.8 | 8.0 | 17.5 | 15.6 | 14.8 | 4.4 | 14.7 | 20.2 | 19.3 | 25.6 | 23.3 | 11.7 |
| Korea, Republic Of | 0.2 | - | - | - | - | 3.0 | - | - | - | 1.7 | 1.5 | 2.2 |
| New Zealand | 4.1 | - | 1.3 | 4.4 | - | - | - | - | - | - | - | - |
| Nigeria | - | - | - | - | - | - | - | - | - | - | - | - |
| Papua New Guinea | 1.4 | - | - | - | - | - | - | - | - | - | - | 2.7 |
| Philippines | - | 2.7 | 2.6 | 6.7 | 6.4 | 2.7 | - | - | 4.4 | 1.7 | - | 1.4 |
| Saudi Arabia | - | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | 6.1 | 9.6 | 5.4 | 1.9 | 1.3 | 7.2 | 8.9 | 4.0 | 3.4 | 6.7 | 4.4 | 8.5 |
| Taiwan, Province Of China | - | - | - | - | - | - | - | - | - | - | 1.1 | - |
| Thailand | 16.2 | 24.8 | 23.8 | 14.0 | 26.7 | 24.4 | 17.7 | 22.4 | 28.1 | 23.3 | 29.3 | 26.3 |
| United States | - | - | - | - | - | - | - | - | - | - | - | - |
| Viet Nam | - | - | - | - | 2.1 | 2.9 | 0.7 | 0.6 | 0.2 | - | 1.7 | 0.9 |
| Other countries | - | - | - | - | - | 0.0 | - | - | - | - | - | - |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

8a Nilai Eksport Keluaran Petroleum Bertapis mengikut Negara Destinasi -Tahunan
Export Value of Refined Petroleum Products by Country of Destination - Annually

| Keterangan Description | 2018 | 2019 | 2020 | 2021 | 2022 ^f | 2023 ^p |
|--|---------------|---------------|---------------|---------------|-------------------|-------------------|
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | |
| Australia | 4,414 | 4,599 | 3,936 | 8,886 | 15,065 | 21,521 |
| Bangladesh | 4,016 | 5,261 | 1,545 | 5,331 | 11,391 | 5,227 |
| Belgium | 152 | 130 | 117 | 250 | 810 | 1,002 |
| China | 5,695 | 5,084 | 6,417 | 6,328 | 3,335 | 3,134 |
| France | 0 | 0 | 0 | - | 1,884 | 1,254 |
| Hong Kong | 2,365 | 1,317 | 1,254 | 1,445 | 2,718 | 1,571 |
| Indonesia | 4,887 | 4,740 | 4,941 | 13,259 | 24,787 | 18,939 |
| Iraq | 0 | 0 | 16 | 1,373 | 2,494 | 1,017 |
| Kenya | 4 | 683 | 371 | 474 | 330 | 1,467 |
| Korea, Republic Of | 2,494 | 725 | 1,265 | 2,186 | 4,037 | 7,850 |
| Mexico | 194 | 78 | 6 | 30 | 598 | 1,852 |
| Myanmar | 561 | 169 | 404 | 943 | 2,911 | 1,925 |
| Netherlands | 15 | 1,042 | 810 | 1,184 | 2,553 | 1,477 |
| New Zealand | 49 | 122 | 72 | 88 | 2,491 | 3,798 |
| Philippines | 1,404 | 1,829 | 1,602 | 2,510 | 3,705 | 5,298 |
| Saudi Arabia | 136 | 0 | 132 | 583 | 374 | 943 |
| Singapore | 19,022 | 16,844 | 18,082 | 19,679 | 33,302 | 29,271 |
| South Africa | 865 | 682 | 277 | 696 | 3,749 | 2,020 |
| Thailand | 1,679 | 1,705 | 699 | 586 | 1,603 | 1,333 |
| Viet Nam | 8,750 | 6,103 | 3,684 | 5,290 | 5,754 | 7,478 |
| Other countries | 8,943 | 10,689 | 8,101 | 15,039 | 25,945 | 15,492 |
| Jumlah / Total | 65,649 | 61,803 | 53,729 | 86,160 | 149,836 | 133,871 |
| (B) Peratusan Sumbangan Percentage Share | | | | | | |
| Australia | 6.7 | 7.4 | 7.3 | 10.3 | 10.1 | 16.1 |
| Bangladesh | 6.1 | 8.5 | 2.9 | 6.2 | 7.6 | 3.9 |
| Belgium | 0.2 | 0.2 | 0.2 | 0.3 | 0.5 | 0.7 |
| China | 8.7 | 8.2 | 11.9 | 7.3 | 2.2 | 2.3 |
| France | 0.0 | 0.0 | 0.0 | - | 1.3 | 0.9 |
| Hong Kong | 3.6 | 2.1 | 2.3 | 1.7 | 1.8 | 1.2 |
| Indonesia | 7.4 | 7.7 | 9.2 | 15.4 | 16.5 | 14.1 |
| Iraq | 0.0 | 0.0 | 0.0 | 1.6 | 1.7 | 0.8 |
| Kenya | 0.0 | 1.1 | 0.7 | 0.6 | 0.2 | 1.1 |
| Korea, Republic Of | 3.8 | 1.2 | 2.4 | 2.5 | 2.7 | 5.9 |
| Mexico | 0.3 | 0.1 | 0.0 | 0.0 | 0.4 | 1.4 |
| Myanmar | 0.9 | 0.3 | 0.8 | 1.1 | 1.9 | 1.4 |
| Netherlands | 0.0 | 1.7 | 1.5 | 1.4 | 1.7 | 1.1 |
| New Zealand | 0.1 | 0.2 | 0.1 | 0.1 | 1.7 | 2.8 |
| Philippines | 2.1 | 3.0 | 3.0 | 2.9 | 2.5 | 4.0 |
| Saudi Arabia | 0.2 | 0.0 | 0.2 | 0.7 | 0.2 | 0.7 |
| Singapore | 29.0 | 27.3 | 33.7 | 22.8 | 22.2 | 21.9 |
| South Africa | 1.3 | 1.1 | 0.5 | 0.8 | 2.5 | 1.5 |
| Thailand | 2.6 | 2.8 | 1.3 | 0.7 | 1.1 | 1.0 |
| Viet Nam | 13.3 | 9.9 | 6.9 | 6.1 | 3.8 | 5.6 |
| Other countries | 13.6 | 17.3 | 15.1 | 17.5 | 17.3 | 11.6 |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

8b Nilai Eksport Keluaran Petroleum Bertapis mengikut Negara Destinasi - Suku Tahunan
Export Value of Refined Petroleum Products by Country of Destination - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|---------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | | | | |
| Australia | 1,481 | 3,086 | 2,151 | 2,169 | 1,778 | 4,043 | 4,169 | 5,075 | 4,572 | 7,400 | 5,212 | 4,336 |
| Bangladesh | 830 | 1,572 | 1,301 | 1,628 | 1,540 | 4,328 | 3,752 | 1,771 | 1,232 | 692 | 2,560 | 743 |
| Belgium | 41 | 47 | 116 | 45 | 65 | 114 | 89 | 542 | 461 | 33 | 152 | 356 |
| China | 2,212 | 2,162 | 1,113 | 841 | 1,085 | 1,006 | 628 | 616 | 395 | 615 | 1,264 | 860 |
| France | - | - | - | - | 13 | 454 | 929 | 488 | 538 | 289 | 143 | 284 |
| Hong Kong | 226 | 339 | 225 | 655 | 186 | 513 | 1,785 | 234 | 318 | 371 | 108 | 773 |
| Indonesia | 1,450 | 2,757 | 4,116 | 4,936 | 3,959 | 5,905 | 9,539 | 5,384 | 4,578 | 5,071 | 4,218 | 5,072 |
| Iraq | 0 | 477 | 335 | 560 | 638 | 603 | 815 | 437 | 416 | 3 | 265 | 334 |
| Kenya | 1 | 0 | 1 | 472 | - | - | 224 | 106 | 0 | 0 | 411 | 1,056 |
| Korea, Republic Of | 377 | 382 | 773 | 655 | 981 | 1,063 | 1,357 | 637 | 898 | 3,410 | 1,748 | 1,794 |
| Mexico | - | - | 30 | 0 | - | 394 | 203 | 1 | 807 | 410 | 272 | 363 |
| Myanmar | 230 | 211 | 190 | 311 | 413 | 636 | 1,599 | 263 | 809 | 546 | 272 | 297 |
| Netherlands | 0 | 1 | 901 | 281 | 301 | 299 | 866 | 1,087 | 390 | 475 | 239 | 372 |
| New Zealand | 7 | 13 | 53 | 16 | 11 | 1,065 | 477 | 938 | 1,238 | 1,450 | 795 | 315 |
| Philippines | 364 | 752 | 788 | 605 | 500 | 1,022 | 1,367 | 816 | 645 | 1,224 | 1,807 | 1,623 |
| Saudi Arabia | 0 | 58 | 368 | 157 | - | - | 265 | 109 | - | 478 | 0 | 465 |
| Singapore | 3,736 | 4,710 | 6,070 | 5,163 | 5,144 | 6,670 | 11,749 | 9,739 | 8,670 | 7,018 | 5,742 | 7,841 |
| South Africa | 1 | 219 | 284 | 192 | 441 | 902 | 1,421 | 986 | 800 | 214 | 198 | 808 |
| Thailand | 81 | 192 | 176 | 137 | 283 | 153 | 163 | 1,005 | 476 | 96 | 169 | 592 |
| Viet Nam | 1,360 | 1,349 | 640 | 1,940 | 1,342 | 1,007 | 1,249 | 2,157 | 1,555 | 1,677 | 1,629 | 2,617 |
| Other countries | 1,748 | 4,317 | 5,279 | 3,695 | 1,900 | 6,124 | 10,820 | 7,101 | 5,064 | 3,811 | 3,774 | 2,843 |
| Jumlah / Total | 14,146 | 22,645 | 24,911 | 24,458 | 20,580 | 36,300 | 53,465 | 39,492 | 33,861 | 35,284 | 30,980 | 33,745 |
| (B) Peratusan Sumbangan Percentage Share | | | | | | | | | | | | |
| Australia | 10.5 | 13.6 | 8.6 | 8.9 | 8.6 | 11.1 | 7.8 | 12.9 | 13.5 | 21.0 | 16.8 | 12.8 |
| Bangladesh | 5.9 | 6.9 | 5.2 | 6.7 | 7.5 | 11.9 | 7.0 | 4.5 | 3.6 | 2.0 | 8.3 | 2.2 |
| Belgium | 0.3 | 0.2 | 0.5 | 0.2 | 0.3 | 0.3 | 0.2 | 1.4 | 1.4 | 0.1 | 0.5 | 1.1 |
| China | 15.6 | 9.5 | 4.5 | 3.4 | 5.3 | 2.8 | 1.2 | 1.6 | 1.2 | 1.7 | 4.1 | 2.5 |
| France | - | - | - | - | 0.1 | 1.3 | 1.7 | 1.2 | 1.6 | 0.8 | 0.5 | 0.8 |
| Hong Kong | 1.6 | 1.5 | 0.9 | 2.7 | 0.9 | 1.4 | 3.3 | 0.6 | 0.9 | 1.1 | 0.3 | 2.3 |
| Indonesia | 10.2 | 12.2 | 16.5 | 20.2 | 19.2 | 16.3 | 17.8 | 13.6 | 13.5 | 14.4 | 13.6 | 15.0 |
| Iraq | 0.0 | 2.1 | 1.3 | 2.3 | 3.1 | 1.7 | 1.5 | 1.1 | 1.2 | 0.0 | 0.9 | 1.0 |
| Kenya | 0.0 | 0.0 | 0.0 | 1.9 | - | - | 0.4 | 0.3 | 0.0 | 0.0 | 1.3 | 3.1 |
| Korea, Republic Of | 2.7 | 1.7 | 3.1 | 2.7 | 4.8 | 2.9 | 2.5 | 1.6 | 2.7 | 9.7 | 5.6 | 5.3 |
| Mexico | - | - | 0.1 | 0.0 | - | 1.1 | 0.4 | 0.0 | 2.4 | 1.2 | 0.9 | 1.1 |
| Myanmar | 1.6 | 0.9 | 0.8 | 1.3 | 2.0 | 1.8 | 3.0 | 0.7 | 2.4 | 1.5 | 0.9 | 0.9 |
| Netherlands | 0.0 | 0.0 | 3.6 | 1.2 | 1.5 | 0.8 | 1.6 | 2.8 | 1.2 | 1.3 | 0.8 | 1.1 |
| New Zealand | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 2.9 | 0.9 | 2.4 | 3.7 | 4.1 | 2.6 | 0.9 |
| Philippines | 2.6 | 3.3 | 3.2 | 2.5 | 2.4 | 2.8 | 2.6 | 2.1 | 1.9 | 3.5 | 5.8 | 4.8 |
| Saudi Arabia | 0.0 | 0.3 | 1.5 | 0.6 | - | - | 0.5 | 0.3 | - | 1.4 | 0.0 | 1.4 |
| Singapore | 26.4 | 20.8 | 24.4 | 21.1 | 25.0 | 18.4 | 22.0 | 24.7 | 25.6 | 19.9 | 18.5 | 23.2 |
| South Africa | 0.0 | 1.0 | 1.1 | 0.8 | 2.1 | 2.5 | 2.7 | 2.5 | 2.4 | 0.6 | 0.6 | 2.4 |
| Thailand | 0.6 | 0.8 | 0.7 | 0.6 | 1.4 | 0.4 | 0.3 | 2.5 | 1.4 | 0.3 | 0.5 | 1.8 |
| Viet Nam | 9.6 | 6.0 | 2.6 | 7.9 | 6.5 | 2.8 | 2.3 | 5.5 | 4.6 | 4.8 | 5.3 | 7.8 |
| Other countries | 12.4 | 19.1 | 21.2 | 15.1 | 9.2 | 16.9 | 20.2 | 18.0 | 15.0 | 10.8 | 12.2 | 8.4 |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

9a Nilai Eksport Gas Asli Cecair (LNG) mengikut Negara Destinasi - Tahunan
Export Value of Liquefied Natural Gas (LNG) by Country of Destination - Annually

| Keterangan Description | 2018 | 2019 | 2020 | 2021 | 2022 ^f | 2023 ^p |
|--|---------------|---------------|---------------|---------------|-------------------|-------------------|
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | |
| Australia | - | - | - | 11 | 10 | 13 |
| Bangladesh | 806 | 129 | 124 | - | - | 128 |
| China | 8,874 | 10,265 | 6,812 | 12,929 | 18,053 | 15,442 |
| Croatia | - | - | - | 1 | - | - |
| India | 335 | 365 | - | 90 | 488 | - |
| Italy | - | - | - | 7 | - | 33 |
| Japan | 20,781 | 16,804 | 14,070 | 16,413 | 30,566 | 25,696 |
| Korea, Republic Of | 5,780 | 7,767 | 6,207 | 6,150 | 12,480 | 13,326 |
| Kuwait | - | - | - | - | - | 135 |
| Mozambique | - | - | - | 4 | - | 6 |
| Myanmar | - | - | 252 | 303 | 32 | - |
| Pakistan | 119 | 89 | 37 | - | - | - |
| Philippines | - | - | - | - | - | 139 |
| Qatar | - | 2 | - | 5 | - | - |
| Saudi Arabia | - | - | - | 1 | - | - |
| Singapore | - | - | - | 101 | 697 | 132 |
| Taiwan, Province Of China | 5,627 | 4,869 | 932 | 529 | 1,214 | 1,181 |
| Thailand | - | 2,194 | 1,434 | 1,648 | 4,461 | 3,369 |
| Trinidad and Tobago | - | - | - | - | 1 | - |
| United States | - | - | - | 1 | - | - |
| Other countries | 0 | - | 0 | 0 | - | - |
| Jumlah / Total | 42,322 | 42,484 | 29,868 | 38,193 | 68,002 | 59,602 |
| (B) Peratusan Sumbangan Percentage Share | | | | | | |
| Australia | - | - | - | 0.0 | 0.0 | 0.0 |
| Bangladesh | 1.9 | 0.3 | 0.4 | - | - | 0.2 |
| China | 21.0 | 24.2 | 22.8 | 33.9 | 26.5 | 25.9 |
| Croatia | - | - | - | 0.0 | - | - |
| India | 0.8 | 0.9 | - | 0.2 | 0.7 | - |
| Italy | - | - | - | 0.0 | - | 0.1 |
| Japan | 49.1 | 39.6 | 47.1 | 43.0 | 44.9 | 43.1 |
| Korea, Republic Of | 13.7 | 18.3 | 20.8 | 16.1 | 18.4 | 22.4 |
| Kuwait | - | - | - | - | - | 0.2 |
| Mozambique | - | - | - | 0.0 | - | 0.0 |
| Myanmar | - | - | 0.8 | 0.8 | 0.0 | - |
| Pakistan | 0.3 | 0.2 | 0.1 | - | - | - |
| Philippines | - | - | - | - | - | 0.2 |
| Qatar | - | 0.0 | - | 0.0 | - | - |
| Saudi Arabia | - | - | - | 0.0 | - | - |
| Singapore | - | - | - | 0.3 | 1.0 | 0.2 |
| Taiwan, Province Of China | 13.3 | 11.5 | 3.1 | 1.4 | 1.8 | 2.0 |
| Thailand | - | 5.2 | 4.8 | 4.3 | 6.6 | 5.7 |
| Trinidad and Tobago | - | - | - | - | 0.0 | - |
| United States | - | - | - | 0.0 | - | - |
| Other countries | 0.0 | - | 0.0 | 0.0 | - | - |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

9b Nilai Eksport Gas Asli Cecair (LNG) mengikut Negara Destinasi - Suku Tahunan
Export Value of Liquefied Natural Gas (LNG) by Country of Destination - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|--------------|--------------|--------------|---------------|-------------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | | | | |
| Australia | 5 | 3 | 3 | - | - | - | 10 | - | - | - | 4 | 9 |
| Bangladesh | - | - | - | - | - | - | - | - | - | 128 | - | - |
| China | 2,225 | 3,121 | 3,461 | 4,122 | 3,702 | 3,743 | 5,546 | 5,062 | 4,213 | 3,531 | 3,496 | 4,202 |
| Croatia | - | 1 | - | - | - | - | - | - | - | - | - | - |
| India | - | - | 90 | - | 122 | 367 | - | - | - | - | - | - |
| Italy | - | 1 | - | 7 | - | - | - | - | 22 | - | - | 11 |
| Japan | 4,282 | 3,204 | 4,114 | 4,813 | 6,012 | 7,339 | 8,860 | 8,356 | 8,369 | 5,492 | 4,943 | 6,894 |
| Korea, Republic Of | 1,272 | 1,627 | 1,335 | 1,916 | 2,801 | 2,040 | 3,271 | 4,369 | 4,474 | 2,324 | 2,397 | 4,131 |
| Kuwait | - | - | - | - | - | - | - | - | - | - | 135 | - |
| Mozambique | - | 4 | - | - | - | - | - | - | - | - | - | 6 |
| Myanmar | 218 | 85 | - | - | - | - | 32 | - | - | - | - | - |
| Pakistan | - | - | - | - | - | - | - | - | - | - | - | - |
| Philippines | - | - | - | - | - | - | - | - | - | - | - | 139 |
| Qatar | - | - | 1 | 4 | - | - | - | - | - | - | - | - |
| Saudi Arabia | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | 2 | - | 5 | 95 | - | 374 | - | 323 | - | 132 | - | - |
| Taiwan, Province Of China | - | 160 | 182 | 187 | - | 254 | 354 | 606 | 135 | 131 | 557 | 358 |
| Thailand | 137 | 296 | 469 | 746 | 621 | 1,458 | 1,007 | 1,375 | 546 | 1,017 | 968 | 838 |
| Trinidad and Tobago | - | - | - | - | - | - | - | 1 | - | - | - | - |
| United States | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Other countries | - | - | 0 | - | - | - | - | - | - | - | - | - |
| Jumlah / Total | 8,142 | 8,501 | 9,660 | 11,890 | 13,257 | 15,574 | 19,079 | 20,092 | 17,759 | 12,756 | 12,500 | 16,587 |

| (B) Peratusan Sumbangan Percentage Share | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|---|--------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| Australia | 0.1 | 0.0 | 0.0 | - | - | - | 0.1 | - | - | - | 0.0 | 0.0 |
| Bangladesh | - | - | - | - | - | - | - | - | - | 1.0 | - | 0.2 |
| China | 27.3 | 36.7 | 35.8 | 34.7 | 27.9 | 24.0 | 29.1 | 25.2 | 23.7 | 27.7 | 28.0 | 25.9 |
| Croatia | - | 0.0 | - | - | - | - | - | - | - | - | - | - |
| India | - | - | 0.9 | - | 0.9 | 2.4 | - | - | - | - | - | - |
| Italy | - | 0.0 | - | 0.1 | - | - | - | - | 0.1 | - | - | 0.1 |
| Japan | 52.6 | 37.7 | 42.6 | 40.5 | 45.4 | 47.1 | 46.4 | 41.6 | 47.1 | 43.1 | 39.5 | 43.1 |
| Korea, Republic Of | 15.6 | 19.1 | 13.8 | 16.1 | 21.1 | 13.1 | 17.1 | 21.7 | 25.2 | 18.2 | 19.2 | 22.4 |
| Kuwait | - | - | - | - | - | - | - | - | - | - | 1.1 | 0.2 |
| Mozambique | - | 0.0 | - | - | - | - | - | - | - | - | - | 0.0 |
| Myanmar | 2.7 | 1.0 | - | - | - | - | 0.2 | - | - | - | - | - |
| Pakistan | - | - | - | - | - | - | - | - | - | - | - | - |
| Philippines | - | - | - | - | - | - | - | - | - | - | - | 0.2 |
| Qatar | - | - | 0.0 | 0.0 | - | - | - | - | - | - | - | - |
| Saudi Arabia | 0.0 | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | 0.0 | - | 0.1 | 0.8 | - | 2.4 | - | 1.6 | - | 1.0 | - | 0.2 |
| Taiwan, Province Of China | - | 1.9 | 1.9 | 1.6 | - | 1.6 | 1.9 | 3.0 | 0.8 | 1.0 | 4.5 | 2.0 |
| Thailand | 1.7 | 3.5 | 4.9 | 6.3 | 4.7 | 9.4 | 5.3 | 6.8 | 3.1 | 8.0 | 7.7 | 5.7 |
| Trinidad and Tobago | - | - | - | - | - | - | - | 0.0 | - | - | - | - |
| United States | - | - | - | 0.0 | - | - | - | - | - | - | - | 0.0 |
| Other countries | - | - | 0.0 | - | - | - | - | - | - | - | - | - |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :
^p Awalan / Preliminary
^f Muktamad / Final

10a Nilai Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan
Import Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

| Keterangan <i>Description</i> | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 ^f | 2023 ^p |
|--|--------|--------|--------|--------|--------|--------|--------|-------------------|-------------------|
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 12,885 | 11,697 | 16,988 | 23,085 | 26,818 | 19,340 | 14,408 | 53,783 | 61,686 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 57,679 | 49,279 | 71,743 | 81,482 | 72,526 | 56,240 | 82,911 | 136,762 | 130,253 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 2,839 | 1,563 | 2,598 | 2,734 | 5,480 | 4,904 | 1,462 | 9,591 | 6,995 |
| (B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -48.4 | -9.2 | 45.2 | 35.9 | 16.2 | -27.9 | -25.5 | 273.3 | 14.7 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -22.7 | -14.6 | 45.6 | 13.6 | -11.0 | -22.5 | 47.4 | 65.0 | -4.8 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -32.7 | -44.9 | 66.3 | 5.2 | 100.5 | -10.5 | -70.2 | 555.9 | -27.1 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p *Awalan / Preliminary*

^f *Muktamad / Final*

10b Nilai Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan
Import Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|--------|--------|--------|--------|-------------------|--------|---------|---------|-------------------|--------|--------|--------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 2,419 | 4,310 | 5,015 | 2,664 | 8,983 | 11,118 | 17,769 | 15,913 | 14,230 | 16,842 | 12,469 | 18,145 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 16,388 | 22,653 | 19,940 | 23,929 | 22,415 | 35,637 | 45,437 | 33,273 | 30,900 | 33,327 | 30,638 | 35,389 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 553 | 492 | 230 | 187 | 1,280 | 1,929 | 3,680 | 2,702 | 1,892 | 1,832 | 1,571 | 1,701 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -76.1 | 71.3 | 19.3 | 6.9 | 271.3 | 157.9 | 254.4 | 497.3 | 58.4 | 51.5 | -29.8 | 14.0 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -14.1 | 112.4 | 58.9 | 71.7 | 36.8 | 57.3 | 127.9 | 39.0 | 37.9 | -6.5 | -32.6 | 6.4 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -58.3 | -73.7 | -80.7 | -63.6 | 131.5 | 292.2 | 1,498.0 | 1,343.4 | 47.8 | -5.1 | -57.3 | -37.0 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -2.9 | 78.2 | 16.3 | -46.9 | 237.2 | 23.8 | 59.8 | -10.4 | -10.6 | 18.3 | -26.0 | 45.5 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 17.6 | 38.2 | -12.0 | 20.0 | -6.3 | 59.0 | 27.5 | -26.8 | -7.1 | 7.9 | -8.1 | 15.5 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 7.5 | -11.0 | -53.2 | -18.7 | 583.6 | 50.8 | 90.8 | -26.6 | -30.0 | -3.2 | -14.2 | 8.3 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

11a **VoluM Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan**
Imports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

| Keterangan <i>Description</i> | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022^f | 2023^p |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------------------|
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 9,245 | 9,874 | 10,379 | 10,476 | 13,429 | 12,405 | 6,540 | 15,681 | 21,066 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 29,516 | 32,383 | 36,421 | 34,939 | 31,267 | 37,239 | 35,504 | 35,936 | 38,417 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 1,399 | 1,015 | 1,409 | 1,211 | 2,466 | 2,637 | 852 | 2,901 | 2,165 |
| (B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i> | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -11.4 | 6.8 | 5.1 | 0.9 | 28.2 | -7.6 | -47.3 | 139.8 | 34.3 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 10.8 | 9.7 | 12.5 | -4.1 | -10.5 | 19.1 | -4.7 | 1.2 | 6.9 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -9.2 | -27.5 | 38.9 | -14.1 | 103.7 | 6.9 | -67.7 | 240.4 | -25.4 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p **Awalan / Preliminary**

^f **Muktamad / Final**

11b **Volu Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan**
Imports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|-------|-------|-------|-------|-------------------|-------|--------|-------|-------------------|--------|-------|-------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | 1,365 | 2,061 | 2,085 | 1,029 | 3,170 | 3,000 | 4,711 | 4,800 | 5,065 | 5,969 | 4,330 | 5,701 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 9,085 | 9,942 | 8,127 | 8,351 | 7,117 | 8,610 | 11,035 | 9,174 | 9,115 | 10,158 | 9,151 | 9,994 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | 364 | 299 | 109 | 80 | 481 | 667 | 1,062 | 691 | 529 | 580 | 499 | 556 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -73.3 | -8.3 | -31.1 | -49.1 | 132.2 | 45.6 | 125.9 | 366.5 | 59.8 | 99.0 | -8.1 | 18.8 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | 4.7 | 19.2 | -24.9 | -11.2 | -21.7 | -13.4 | 35.8 | 9.9 | 28.1 | 18.0 | -17.1 | 8.9 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -44.7 | -62.2 | -85.6 | -81.3 | 32.1 | 122.9 | 874.4 | 763.6 | 10.1 | -13.1 | -53.0 | -19.5 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i> | | | | | | | | | | | | |
| Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i> | -32.5 | 50.9 | 1.2 | -50.6 | 208.1 | -5.4 | 57.0 | 1.9 | 5.5 | 17.8 | -27.5 | 31.7 |
| Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i> | -3.3 | 9.4 | -18.3 | 2.8 | -14.8 | 21.0 | 28.2 | -16.9 | -0.6 | 11.4 | -9.9 | 9.2 |
| Gas Asli Cecair <i>Liquefied Natural Gas</i> | -14.8 | -17.8 | -63.6 | -26.6 | 501.1 | 38.7 | 59.2 | -34.9 | -23.4 | 9.5 | -13.9 | 11.5 |

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

12a Nilai Import Petroleum Mentah dan Kondensat mengikut Negara Asal - Tahunan
Import Value of Crude Oil and Condensate by Country of Origin - Annually

| Keterangan Description | 2018 | 2019 | 2020 | 2021 ^f | 2022 ^p | 2023 ^p |
|---|---------------|---------------|---------------|-------------------|-------------------|-------------------|
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | |
| Australia | 937 | 2,144 | 1,271 | 660 | 1,255 | 1,368 |
| Brazil | 135 | 69 | 543 | 735 | 724 | 852 |
| Brunei Darussalam | 714 | 41 | 0 | 308 | 355 | 675 |
| Cameroon | - | - | - | - | - | 868 |
| Chad | - | - | - | - | - | 398 |
| Congo | 86 | 546 | - | 255 | 944 | 387 |
| Gabon | 207 | 713 | 147 | 788 | 1,446 | 1,801 |
| Indonesia | 1,395 | 242 | 68 | 292 | 163 | 169 |
| Kuwait | 789 | 298 | 216 | 309 | 2,616 | 1,790 |
| Libya | 2,064 | 1,214 | 1 | 123 | 160 | 257 |
| Nigeria | 400 | 100 | 97 | 88 | - | 189 |
| Oman | 582 | 144 | 638 | 479 | 487 | 1,063 |
| Qatar | 716 | 454 | - | 328 | 1,513 | 865 |
| Saudi Arabia | 7,047 | 9,300 | 8,187 | 2,995 | 28,272 | 33,010 |
| Singapore | - | - | - | - | 269 | 62 |
| Spain | - | - | - | - | - | 174 |
| Sudan | - | - | - | 463 | 726 | 2,133 |
| Thailand | - | 153 | 490 | 228 | 1,492 | 877 |
| United Arab Emirates | 1,164 | 4,251 | 1,532 | 1,556 | 8,593 | 10,414 |
| United States | 953 | 221 | 1,639 | - | 622 | 2,828 |
| Other countries | 5,898 | 6,929 | 4,511 | 4,802 | 4,147 | 1,507 |
| Jumlah / Total | 23,085 | 26,818 | 19,340 | 14,408 | 53,783 | 61,686 |
| (B) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | |
| Australia | 4.1 | 8.0 | 6.6 | 4.6 | 2.3 | 2.2 |
| Brazil | 0.6 | 0.3 | 2.8 | 5.1 | 1.3 | 1.4 |
| Brunei Darussalam | 3.1 | 0.2 | 0.0 | 2.1 | 0.7 | 1.1 |
| Cameroon | - | - | - | - | - | 1.4 |
| Chad | - | - | - | - | - | 0.6 |
| Congo | 0.4 | 2.0 | - | 1.8 | 1.8 | 0.6 |
| Gabon | 0.9 | 2.7 | 0.8 | 5.5 | 2.7 | 2.9 |
| Indonesia | 6.0 | 0.9 | 0.4 | 2.0 | 0.3 | 0.3 |
| Kuwait | 3.4 | 1.1 | 1.1 | 2.1 | 4.9 | 2.9 |
| Libya | 8.9 | 4.5 | 0.0 | 0.9 | 0.3 | 0.4 |
| Nigeria | 1.7 | 0.4 | 0.5 | 0.6 | - | 0.3 |
| Oman | 2.5 | 0.5 | 3.3 | 3.3 | 0.9 | 1.7 |
| Qatar | 3.1 | 1.7 | - | 2.3 | 2.8 | 1.4 |
| Saudi Arabia | 30.5 | 34.7 | 42.3 | 20.8 | 52.6 | 53.5 |
| Singapore | - | - | - | - | 0.5 | 0.1 |
| Spain | - | - | - | - | - | 0.3 |
| Sudan | - | - | - | 3.2 | 1.3 | 3.5 |
| Thailand | - | 0.6 | 2.5 | 1.6 | 2.8 | 1.4 |
| United Arab Emirates | 5.0 | 15.8 | 7.9 | 10.8 | 16.0 | 16.9 |
| United States | 4.1 | 0.8 | 8.5 | - | 1.2 | 4.6 |
| Other countries | 25.5 | 25.8 | 23.3 | 33.3 | 7.7 | 2.4 |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

12b Nilai Import Petroleum Mentah dan Kondensat mengikut Negara Asal - Suku Tahunan
Import Value of Crude Petroleum and Condensate by Country of Origin - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|---|--------------|--------------|--------------|--------------|-------------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | | | | |
| Australia | 231 | 204 | 49 | 177 | 44 | 103 | 735 | 372 | 960 | 146 | 160 | 102 |
| Brazil | 73 | 232 | 209 | 220 | 132 | 214 | 172 | 206 | 202 | 216 | 110 | 323 |
| Brunei Darussalam | - | - | 8 | 300 | 292 | 3 | 46 | 15 | 26 | 255 | 385 | 8 |
| Cameroon | - | - | - | - | - | - | - | - | - | 396 | - | 473 |
| Chad | - | - | - | - | - | - | - | - | - | - | - | 398 |
| Congo | - | 255 | - | - | 493 | - | 450 | - | - | 387 | - | - |
| Gabon | 326 | 210 | - | 252 | 370 | 501 | 574 | - | 298 | - | 555 | 948 |
| Indonesia | - | 84 | 208 | - | - | - | - | 163 | 169 | - | - | - |
| Kuwait | - | 148 | 161 | - | 358 | 231 | 745 | 1,282 | 612 | 642 | 219 | 317 |
| Libya | - | 123 | - | - | - | - | - | 160 | - | - | - | 257 |
| Nigeria | - | - | - | 88 | - | - | - | - | - | - | - | 189 |
| Oman | 332 | - | - | 147 | - | 228 | 87 | 172 | 348 | 185 | 247 | 283 |
| Qatar | 131 | 13 | 184 | - | 559 | 694 | 260 | - | - | 406 | - | 459 |
| Saudi Arabia | 508 | 1,023 | 1,464 | - | 3,003 | 5,399 | 10,075 | 9,796 | 7,518 | 9,510 | 6,718 | 9,264 |
| Singapore | - | - | - | - | 234 | - | 35 | - | 62 | - | - | 0 |
| Spain | - | - | - | - | - | - | - | - | 100 | 74 | - | 0 |
| Sudan | 140 | - | 179 | 144 | - | - | 158 | 568 | 478 | 431 | 630 | 593 |
| Thailand | 74 | - | - | 154 | 349 | 475 | 443 | 224 | 101 | 470 | 165 | 141 |
| United Arab Emirates | 475 | 295 | 283 | 504 | 1,537 | 2,360 | 2,631 | 2,065 | 2,436 | 2,276 | 2,270 | 3,432 |
| United States | - | - | - | - | - | 0 | 622 | - | 813 | 316 | 742 | 956 |
| Other countries | 129 | 1,722 | 2,272 | 678 | 1,612 | 909 | 736 | 890 | 108 | 1,131 | 268 | - |
| Jumlah / Total | 2,419 | 4,310 | 5,015 | 2,664 | 8,983 | 11,118 | 17,769 | 15,913 | 14,230 | 16,842 | 12,469 | 18,145 |

| | | | | | | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (B) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | | | | | | | |
| Australia | 9.5 | 4.7 | 1.0 | 6.7 | 0.5 | 0.9 | 4.1 | 2.3 | 6.7 | 0.9 | 1.3 | 0.6 |
| Brazil | 3.0 | 5.4 | 4.2 | 8.3 | 1.5 | 1.9 | 1.0 | 1.3 | 1.4 | 1.3 | 0.9 | 1.8 |
| Brunei Darussalam | - | - | 0.2 | 11.3 | 3.2 | 0.0 | 0.3 | 0.1 | 0.2 | 1.5 | 3.1 | 0.0 |
| Cameroon | - | - | - | - | - | - | - | - | - | 2.3 | - | 2.6 |
| Chad | - | - | - | - | - | - | - | - | - | - | - | 2.2 |
| Congo | - | 5.9 | - | - | 5.5 | - | 2.5 | - | - | 2.3 | - | - |
| Gabon | 13.5 | 4.9 | - | 9.5 | 4.1 | 4.5 | 3.2 | - | 2.1 | - | 4.5 | 5.2 |
| Indonesia | - | 2.0 | 4.1 | - | - | - | - | 1.0 | 1.2 | - | - | - |
| Kuwait | - | 3.4 | 3.2 | - | 4.0 | 2.1 | 4.2 | 8.1 | 4.3 | 3.8 | 1.8 | 1.7 |
| Libya | - | 2.8 | - | - | - | - | - | 1.0 | - | - | - | 1.4 |
| Nigeria | - | - | - | 3.3 | - | - | - | - | - | - | - | 1.0 |
| Oman | 13.7 | - | - | 5.5 | - | 2.0 | 0.5 | 1.1 | 2.4 | 1.1 | 2.0 | 1.6 |
| Qatar | 5.4 | 0.3 | 3.7 | - | 6.2 | 6.2 | 1.5 | - | - | 2.4 | - | 2.5 |
| Saudi Arabia | 21.0 | 23.7 | 29.2 | - | 33.4 | 48.6 | 56.7 | 61.6 | 52.8 | 56.5 | 53.9 | 51.1 |
| Singapore | - | - | - | - | 2.6 | - | 0.2 | - | 0.4 | - | - | 0.0 |
| Spain | - | - | - | - | - | - | - | - | 0.7 | 0.4 | - | 0.0 |
| Sudan | 5.8 | - | 3.6 | 5.4 | - | - | 0.9 | 3.6 | 3.4 | 2.6 | 5.1 | 3.3 |
| Thailand | 3.1 | - | - | 5.8 | 3.9 | 4.3 | 2.5 | 1.4 | 0.7 | 2.8 | 1.3 | 0.8 |
| United Arab Emirates | 19.6 | 6.8 | 5.6 | 18.9 | 17.1 | 21.2 | 14.8 | 13.0 | 17.1 | 13.5 | 18.2 | 18.9 |
| United States | - | - | - | - | - | 0.0 | 3.5 | - | 5.7 | 1.9 | 6.0 | 5.3 |
| Other countries | 5.3 | 40.0 | 45.3 | 25.4 | 17.9 | 8.2 | 4.1 | 5.6 | 0.8 | 6.7 | 2.1 | - |
| Jumlah / Total | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

13a Nilai Import Keluaran Petroleum Bertapis mengikut Negara Asal - Tahunan
Import Value of Refined Petroleum Products by Country of Origin - Annually

| Keterangan Description | 2018 | 2019 | 2020 | 2021 | 2022 ^f | 2023 ^p |
|---|---------------|---------------|---------------|---------------|-------------------|-------------------|
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | |
| Australia | 261 | 444 | 312 | 431 | 411 | 1,801 |
| Brunei Darussalam | 14 | 138 | 558 | 1,226 | 1,905 | 823 |
| China | 7,148 | 9,993 | 7,442 | 12,137 | 17,656 | 19,197 |
| Egypt | 149 | - | 23 | 390 | 481 | 405 |
| India | 9,705 | 5,296 | 4,982 | 6,182 | 7,572 | 6,567 |
| Indonesia | 1,178 | 1,601 | 2,201 | 2,591 | 4,395 | 3,540 |
| Iraq | 530 | 658 | 880 | 1,398 | 879 | 446 |
| Italy | 49 | 4 | 23 | 5 | 227 | 466 |
| Korea, Republic Of | 5,763 | 6,813 | 5,923 | 10,878 | 16,301 | 15,218 |
| Malaysia | 11 | 27 | 12 | 4 | 52 | 329 |
| Oman | 13 | 264 | 468 | 1,759 | 2,967 | 350 |
| Philippines | 255 | 185 | 288 | 258 | 537 | 365 |
| Qatar | 667 | 576 | 411 | 55 | 689 | 1,192 |
| Russian Federation | 1,339 | 691 | 843 | 720 | 4,677 | 7,440 |
| Saudi Arabia | 3,322 | 2,440 | 2,535 | 3,328 | 3,479 | 5,570 |
| Singapore | 37,210 | 28,278 | 16,487 | 24,948 | 49,163 | 42,619 |
| Taiwan, Province Of China | 1,703 | 2,109 | 924 | 4,546 | 8,047 | 6,273 |
| Thailand | 1,561 | 1,986 | 869 | 1,568 | 2,174 | 2,406 |
| United Arab Emirates | 4,291 | 5,405 | 4,454 | 3,989 | 6,132 | 7,933 |
| United States | 688 | 353 | 157 | 74 | 107 | 237 |
| Other countries | 5,623 | 5,266 | 6,448 | 6,425 | 8,911 | 7,078 |
| Jumlah / Total | 81,482 | 72,526 | 56,240 | 82,911 | 136,762 | 130,253 |
| (B) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | |
| Australia | 0.3 | 0.6 | 0.6 | 0.5 | 0.3 | 1.4 |
| Brunei Darussalam | 0.0 | 0.2 | 1.0 | 1.5 | 1.4 | 0.6 |
| China | 8.8 | 13.8 | 13.2 | 14.6 | 12.9 | 14.7 |
| Egypt | 0.2 | - | 0.0 | 0.5 | 0.4 | 0.3 |
| India | 11.9 | 7.3 | 8.9 | 7.5 | 5.5 | 5.0 |
| Indonesia | 1.4 | 2.2 | 3.9 | 3.1 | 3.2 | 2.7 |
| Iraq | 0.7 | 0.9 | 1.6 | 1.7 | 0.6 | 0.3 |
| Italy | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.4 |
| Korea, Republic Of | 7.1 | 9.4 | 10.5 | 13.1 | 11.9 | 11.7 |
| Malaysia | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| Oman | 0.0 | 0.4 | 0.8 | 2.1 | 2.2 | 0.3 |
| Philippines | 0.3 | 0.3 | 0.5 | 0.3 | 0.4 | 0.3 |
| Qatar | 0.8 | 0.8 | 0.7 | 0.1 | 0.5 | 0.9 |
| Russian Federation | 1.6 | 1.0 | 1.5 | 0.9 | 3.4 | 5.7 |
| Saudi Arabia | 4.1 | 3.4 | 4.5 | 4.0 | 2.5 | 4.3 |
| Singapore | 45.7 | 39.0 | 29.3 | 30.1 | 35.9 | 32.7 |
| Taiwan, Province Of China | 2.1 | 2.9 | 1.6 | 5.5 | 5.9 | 4.8 |
| Thailand | 1.9 | 2.7 | 1.5 | 1.9 | 1.6 | 1.8 |
| United Arab Emirates | 5.3 | 7.5 | 7.9 | 4.8 | 4.5 | 6.1 |
| United States | 0.8 | 0.5 | 0.3 | 0.1 | 0.1 | 0.2 |
| Other countries | 6.9 | 7.3 | 11.5 | 7.7 | 6.5 | 5.4 |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

13b Nilai Import Keluaran Petroleum Bertapis mengikut Negara Asal - Suku Tahunan

Import Value of Refined Petroleum Products by Country of Origin - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|--|---------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | | | | |
| Australia | 29 | 218 | 79 | 105 | 45 | 30 | 277 | 58 | 73 | 408 | 693 | 625 |
| Brunei Darussalam | 218 | 569 | 380 | 59 | 186 | 434 | 849 | 436 | 293 | 43 | 214 | 274 |
| China | 3,502 | 4,752 | 2,404 | 1,479 | 2,799 | 3,936 | 4,790 | 6,130 | 7,333 | 3,726 | 4,273 | 3,865 |
| Egypt | 87 | 132 | 170 | 0 | - | 481 | 0 | 0 | 126 | - | 94 | 185 |
| India | 1,442 | 2,506 | 871 | 1,364 | 2,238 | 1,761 | 2,683 | 889 | 635 | 2,498 | 1,652 | 1,782 |
| Indonesia | 695 | 751 | 621 | 524 | 846 | 540 | 1,389 | 1,620 | 664 | 770 | 913 | 1,192 |
| Iraq | 557 | 307 | 302 | 232 | 571 | 176 | 132 | - | - | - | 31 | 415 |
| Italy | 1 | 2 | 1 | 1 | 222 | 2 | 2 | 1 | 193 | 1 | 1 | 271 |
| Korea, Republic Of | 1,532 | 2,117 | 2,517 | 4,712 | 2,681 | 5,076 | 4,680 | 3,864 | 3,979 | 3,851 | 3,202 | 4,187 |
| Malaysia | 3 | 0 | 0 | 0 | - | 0 | - | 52 | 17 | 45 | 118 | 149 |
| Oman | 245 | 673 | 475 | 367 | 552 | 1,073 | 978 | 365 | 91 | - | 10 | 250 |
| Philippines | 39 | 7 | 123 | 89 | 146 | 225 | 68 | 97 | 51 | 6 | 78 | 229 |
| Qatar | 2 | 31 | 1 | 21 | 4 | 248 | 337 | 101 | 146 | 528 | 21 | 496 |
| Russian Federation | 74 | 352 | 258 | 37 | 304 | 1,396 | 1,823 | 1,154 | 943 | 2,389 | 1,060 | 3,048 |
| Saudi Arabia | 563 | 588 | 644 | 1,533 | 667 | 688 | 1,357 | 767 | 1,194 | 1,487 | 1,298 | 1,591 |
| Singapore | 3,977 | 6,111 | 6,414 | 8,445 | 7,200 | 13,254 | 16,599 | 12,110 | 10,168 | 10,369 | 10,854 | 11,227 |
| Taiwan, Province Of China | 240 | 1,169 | 1,964 | 1,173 | 722 | 2,226 | 3,344 | 1,755 | 1,453 | 1,721 | 1,274 | 1,825 |
| Thailand | 466 | 177 | 409 | 517 | 214 | 511 | 1,098 | 352 | 404 | 227 | 644 | 1,130 |
| United Arab Emirates | 1,225 | 666 | 909 | 1,189 | 1,221 | 1,521 | 1,982 | 1,408 | 1,187 | 2,612 | 2,464 | 1,669 |
| United States | 17 | 21 | 17 | 19 | 15 | 20 | 36 | 36 | 21 | 63 | 26 | 127 |
| Other countries | 1,474 | 1,506 | 1,380 | 2,065 | 1,781 | 2,039 | 3,013 | 2,077 | 1,928 | 2,582 | 1,717 | 851 |
| Jumlah / Total | 16,388 | 22,653 | 19,940 | 23,929 | 22,415 | 35,637 | 45,437 | 33,273 | 30,900 | 33,327 | 30,638 | 35,389 |
| (B) Peratusan Sumbangan Percentage Share | | | | | | | | | | | | |
| Australia | 0.2 | 1.0 | 0.4 | 0.4 | 0.2 | 0.1 | 0.6 | 0.2 | 0.2 | 1.2 | 2.3 | 1.8 |
| Brunei Darussalam | 1.3 | 2.5 | 1.9 | 0.2 | 0.8 | 1.2 | 1.9 | 1.3 | 0.9 | 0.1 | 0.7 | 0.8 |
| China | 21.4 | 21.0 | 12.1 | 6.2 | 12.5 | 11.0 | 10.5 | 18.4 | 23.7 | 11.2 | 13.9 | 10.9 |
| Egypt | 0.5 | 0.6 | 0.9 | 0.0 | - | 1.3 | 0.0 | 0.0 | 0.4 | - | 0.3 | 0.5 |
| India | 8.8 | 11.1 | 4.4 | 5.7 | 10.0 | 4.9 | 5.9 | 2.7 | 2.1 | 7.5 | 5.4 | 5.0 |
| Indonesia | 4.2 | 3.3 | 3.1 | 2.2 | 3.8 | 1.5 | 3.1 | 4.9 | 2.1 | 2.3 | 3.0 | 3.4 |
| Iraq | 3.4 | 1.4 | 1.5 | 1.0 | 2.5 | 0.5 | 0.3 | - | - | - | 0.1 | 1.2 |
| Italy | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.8 |
| Korea, Republic Of | 9.3 | 9.3 | 12.6 | 19.7 | 12.0 | 14.2 | 10.3 | 11.6 | 12.9 | 11.6 | 10.5 | 11.8 |
| Malaysia | 0.0 | 0.0 | 0.0 | 0.0 | - | 0.0 | - | 0.2 | 0.1 | 0.1 | 0.4 | 0.4 |
| Oman | 1.5 | 3.0 | 2.4 | 1.5 | 2.5 | 3.0 | 2.2 | 1.1 | 0.3 | - | 0.0 | 0.7 |
| Philippines | 0.2 | 0.0 | 0.6 | 0.4 | 0.7 | 0.6 | 0.2 | 0.3 | 0.2 | 0.0 | 0.3 | 0.6 |
| Qatar | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.7 | 0.7 | 0.3 | 0.5 | 1.6 | 0.1 | 1.4 |
| Russian Federation | 0.4 | 1.6 | 1.3 | 0.2 | 1.4 | 3.9 | 4.0 | 3.5 | 3.1 | 7.2 | 3.5 | 8.6 |
| Saudi Arabia | 3.4 | 2.6 | 3.2 | 6.4 | 3.0 | 1.9 | 3.0 | 2.3 | 3.9 | 4.5 | 4.2 | 4.5 |
| Singapore | 24.3 | 27.0 | 32.2 | 35.3 | 32.1 | 37.2 | 36.5 | 36.4 | 32.9 | 31.1 | 35.4 | 31.7 |
| Taiwan, Province Of China | 1.5 | 5.2 | 9.9 | 4.9 | 3.2 | 6.2 | 7.4 | 5.3 | 4.7 | 5.2 | 4.2 | 5.2 |
| Thailand | 2.8 | 0.8 | 2.0 | 2.2 | 1.0 | 1.4 | 2.4 | 1.1 | 1.3 | 0.7 | 2.1 | 3.2 |
| United Arab Emirates | 7.5 | 2.9 | 4.6 | 5.0 | 5.4 | 4.3 | 4.4 | 4.2 | 3.8 | 7.8 | 8.0 | 4.7 |
| United States | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.4 |
| Other countries | 9.0 | 6.6 | 6.9 | 8.6 | 7.9 | 5.7 | 6.6 | 6.2 | 6.2 | 7.7 | 5.6 | 2.4 |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)

Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

14a Nilai Import Gas Asli Cecair (LNG) mengikut Negara Asal - Tahunan
Import Value of Liquefied Natural Gas (LNG) by Country of Origin - Annually

| Keterangan Description | 2018 | 2019 | 2020 | 2021 | 2022 ^f | 2023 ^p |
|---|--------------|--------------|--------------|--------------|-------------------|-------------------|
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | |
| Australia | 1,924 | 3,587 | 3,612 | 1,222 | 6,804 | 6,330 |
| Brunei Darussalam | 810 | 1,618 | 1,131 | 166 | 2,741 | 665 |
| Equatorial Guinea | - | 74 | - | - | - | - |
| Indonesia | - | - | - | - | 46 | - |
| Nigeria | - | 60 | 79 | 74 | - | - |
| Singapore | 0 | - | 82 | - | - | - |
| United States | - | 140 | - | - | 0 | - |
| Jumlah / Total | 2,734 | 5,480 | 4,904 | 1,462 | 9,591 | 6,995 |
| (B) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | |
| Australia | 70.4 | 65.5 | 73.7 | 83.6 | 70.9 | 100.0 |
| Brunei Darussalam | 29.6 | 29.5 | 23.1 | 11.3 | 28.6 | - |
| Equatorial Guinea | - | 1.4 | - | - | - | - |
| Indonesia | - | - | - | - | 0.5 | - |
| Nigeria | - | 1.1 | 1.6 | 5.1 | - | - |
| Singapore | 0.0 | - | 1.7 | - | - | - |
| United States | - | 2.6 | - | - | 0.0 | - |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

14b Nilai Import Gas Asli Cecair (LNG) mengikut Negara Asal - Suku Tahunan
Import Value of Liquefied Natural Gas (LNG) by Country of Origin - Quarterly

| Keterangan Description | 2021 | | | | 2022 ^f | | | | 2023 ^p | | | |
|---|--------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) <i>Value (RM Million)</i> | | | | | | | | | | | | |
| Australia | 478 | 492 | 118 | 133 | 1,142 | 1,376 | 2,381 | 1,905 | 1,666 | 1,607 | 1,356 | 1,701 |
| Brunei Darussalam | - | - | 112 | 54 | 137 | 553 | 1,300 | 751 | 226 | 225 | 215 | - |
| Equatorial Guinea | - | - | - | - | - | - | - | - | - | - | - | - |
| Indonesia | - | - | - | - | - | - | - | 46 | - | - | - | - |
| Nigeria | 74 | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | - | - | - | - | - | - | - | - | - | - | - | - |
| United States | - | - | - | - | - | - | 0 | - | - | - | - | - |
| Jumlah / Total | 553 | 492 | 230 | 187 | 1,280 | 1,929 | 3,680 | 2,702 | 1,892 | 1,832 | 1,571 | 1,701 |
| (B) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | | | | | | | |
| Australia | 86.5 | 100.0 | 51.4 | 71.3 | 89.3 | 71.3 | 64.7 | 70.5 | 88.1 | 87.7 | 86.3 | 100.0 |
| Brunei Darussalam | - | - | 48.6 | 28.7 | 10.7 | 28.7 | 35.3 | 27.8 | 11.9 | 12.3 | 13.7 | - |
| Equatorial Guinea | - | - | - | - | - | - | - | - | - | - | - | - |
| Indonesia | - | - | - | - | - | - | - | 1.7 | - | - | - | - |
| Nigeria | 13.5 | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | - | - | - | - | - | - | - | - | - | - | - | - |
| United States | - | - | - | - | - | - | 0.0 | - | - | - | - | - |
| Jumlah / Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p **Awalan / Preliminary**

^f **Muktamad / Final**

15a KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Tahunan
GDP by Economic Activity at Current Prices - Annually

| Keterangan Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 ^e | 2022 ^p | 2023 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|------------------|
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | |
| Pertanian / Agriculture | 97,539 | 105,756 | 117,995 | 108,757 | 109,542 | 115,834 | 148,301 | 159,803 | 141,155 |
| Perlombongan dan Pengkuarian Mining and Quarrying | 103,059 | 103,959 | 121,326 | 134,833 | 131,084 | 96,172 | 124,355 | 176,870 | 155,516 |
| Minyak Mentah dan Kondensat Crude Oil and Condensate | 46,526 | 46,023 | 58,254 | 70,800 | 64,285 | 39,011 | 55,325 | 77,325 | 65,602 |
| Gas Asli / Natural Gas | 49,119 | 49,722 | 53,908 | 54,290 | 56,035 | 47,923 | 59,834 | 89,053 | 78,864 |
| Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services | 7,414 | 8,214 | 9,164 | 9,743 | 10,764 | 9,237 | 9,195 | 10,492 | 11,050 |
| Pembuatan / Manufacturing | 262,379 | 272,396 | 299,797 | 311,676 | 323,862 | 315,360 | 362,301 | 419,062 | 420,109 |
| Produk Petroleum Bertapis Refined Petroleum Products | 34,341 | 32,404 | 39,791 | 45,228 | 47,481 | 42,119 | 55,636 | 69,580 | 63,624 |
| Pembinaan / Construction | 55,382 | 61,089 | 66,552 | 70,048 | 71,067 | 57,657 | 55,717 | 60,816 | 65,978 |
| Perkhidmatan / Services | 643,883 | 689,969 | 747,360 | 804,993 | 860,130 | 817,713 | 841,201 | 955,993 | 1,019,451 |
| Tambah Duti Import / Plus Import Duties | 14,699 | 16,529 | 19,280 | 17,453 | 17,053 | 15,755 | 17,023 | 18,812 | 20,439 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Price: | 1,176,941 | 1,249,698 | 1,372,310 | 1,447,760 | 1,512,738 | 1,418,491 | 1,548,898 | 1,791,358 | 1,822,647 |
| (B) Perubahan Peratusan Tahunan Annual Percentage Change | | | | | | | | | |
| Pertanian / Agriculture | -0.1 | 8.4 | 11.6 | -7.8 | 0.7 | 5.7 | 28.0 | 7.8 | -11.7 |
| Perlombongan dan Pengkuarian Mining and Quarrying | -4.9 | 0.9 | 16.7 | 11.1 | -2.8 | -26.6 | 29.3 | 42.2 | -12.1 |
| Minyak Mentah dan Kondensat Crude Oil and Condensate | -9.7 | -1.1 | 26.6 | 21.5 | -9.2 | -39.3 | 41.8 | 39.8 | -15.2 |
| Gas Asli / Natural Gas | -3.0 | 1.2 | 8.4 | 0.7 | 3.2 | -14.5 | 24.9 | 48.8 | -11.4 |
| Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services | 20.4 | 10.8 | 11.6 | 6.3 | 10.5 | -14.2 | -0.5 | 14.1 | 5.3 |
| Pembuatan / Manufacturing | 4.0 | 3.8 | 10.1 | 4.0 | 3.9 | -2.6 | 14.9 | 15.7 | 0.2 |
| Produk Petroleum Bertapis Refined Petroleum Products | -10.5 | -5.6 | 22.8 | 13.7 | 5.0 | -11.3 | 32.1 | 25.1 | -8.6 |
| Pembinaan / Construction | 11.5 | 10.3 | 8.9 | 5.3 | 1.5 | -18.9 | -3.4 | 9.2 | 8.5 |
| Perkhidmatan / Services | 6.7 | 7.2 | 8.3 | 7.7 | 6.8 | -4.9 | 2.9 | 13.6 | 6.6 |
| Tambah Duti Import / Plus Import Duties | 23.0 | 12.4 | 16.6 | -9.5 | -2.3 | -7.6 | 8.0 | 10.5 | 8.6 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Price: | 4.7 | 6.2 | 9.8 | 5.5 | 4.5 | -6.2 | 9.2 | 15.7 | 1.7 |
| (C) Peratusan Sumbangan kepada KDNK Percentage Share to GDP | | | | | | | | | |
| Pertanian / Agriculture | 8.3 | 8.5 | 8.6 | 7.5 | 7.2 | 8.2 | 9.6 | 8.9 | 7.7 |
| Perlombongan dan Pengkuarian Mining and Quarrying | 8.8 | 8.3 | 8.8 | 9.3 | 8.7 | 6.8 | 8.0 | 9.9 | 8.5 |
| Minyak Mentah dan Kondensat Crude Oil and Condensate | 4.0 | 3.7 | 4.2 | 4.9 | 4.2 | 2.8 | 3.6 | 4.3 | 3.6 |
| Gas Asli / Natural Gas | 4.2 | 4.0 | 3.9 | 3.7 | 3.7 | 3.4 | 3.9 | 5.0 | 4.3 |
| Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 |
| Pembuatan / Manufacturing | 22.3 | 21.8 | 21.8 | 21.5 | 21.4 | 22.2 | 23.4 | 23.4 | 23.0 |
| Produk Petroleum Bertapis Refined Petroleum Products | 2.9 | 2.6 | 2.9 | 3.1 | 3.1 | 3.0 | 3.6 | 3.9 | 3.5 |
| Pembinaan / Construction | 4.7 | 4.9 | 4.8 | 4.8 | 4.7 | 4.1 | 3.6 | 3.4 | 3.6 |
| Perkhidmatan / Services | 54.7 | 55.2 | 54.5 | 55.6 | 56.9 | 57.6 | 54.3 | 53.4 | 55.9 |
| Tambah Duti Import / Plus Import Duties | 1.2 | 1.3 | 1.4 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Price: | 100.0 | 100.0 | 100.0 |

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan
Source : Quarterly Gross Domestic Product (GDP)

Nota / Notes :

^e Anggaran / Estimate

^p Awalan / Preliminary

15b KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Suku Tahunan
GDP by Economic Activity at Current Prices - Quarterly

| Keterangan / Description | 2021 ^e | | | | 2022 ^p | | | | 2023 | | | |
|--|-------------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) / Value (RM Million) | | | | | | | | | | | | |
| Pertanian / Agriculture | 30,102 | 34,778 | 40,461 | 42,960 | 38,570 | 43,996 | 40,208 | 37,029 | 30,958 | 32,437 | 40,278 | 37,482 |
| Perombongan dan Pengkuarian | 29,823 | 32,231 | 28,644 | 33,657 | 42,333 | 47,331 | 44,211 | 42,996 | 42,207 | 38,828 | 35,566 | 38,915 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | 13,838 | 16,651 | 11,682 | 13,154 | 20,058 | 24,942 | 16,939 | 15,386 | 17,502 | 17,832 | 14,314 | 15,954 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | 13,643 | 13,744 | 14,827 | 17,621 | 19,738 | 20,283 | 24,700 | 24,332 | 21,864 | 18,772 | 18,597 | 19,631 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | 2,342 | 1,836 | 2,135 | 2,882 | 2,537 | 2,106 | 2,572 | 3,277 | 2,842 | 2,224 | 2,655 | 3,330 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | 85,330 | 86,803 | 89,163 | 101,005 | 97,610 | 102,026 | 108,310 | 111,116 | 103,923 | 101,476 | 105,830 | 108,880 |
| Produk Petroleum Bertapis | 12,271 | 12,536 | 15,180 | 15,650 | 15,406 | 15,819 | 19,849 | 18,506 | 16,775 | 14,838 | 16,193 | 15,818 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | 15,110 | 13,849 | 12,943 | 13,815 | 14,814 | 14,877 | 15,554 | 15,571 | 16,170 | 16,179 | 17,085 | 16,544 |
| Perkhidmatan / Services | 206,986 | 202,208 | 203,250 | 228,758 | 224,832 | 231,453 | 243,986 | 255,722 | 246,328 | 245,215 | 258,900 | 269,008 |
| Tambah Duti Import / Plus Import Duties | 4,160 | 4,594 | 3,716 | 4,552 | 4,144 | 4,905 | 4,728 | 5,036 | 4,573 | 5,184 | 5,107 | 5,574 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | 371,510 | 374,464 | 378,178 | 424,747 | 422,303 | 444,588 | 456,997 | 467,470 | 444,159 | 439,318 | 462,766 | 476,404 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya / Percentage Change from Corresponding Quarter of Preceding Year | | | | | | | | | | | | |
| Pertanian / Agriculture | 18.9 | 31.1 | 24.8 | 36.1 | 28.1 | 26.5 | -0.6 | -13.8 | -19.7 | -26.3 | 0.2 | 1.2 |
| Perombongan dan Pengkuarian | -3.9 | 52.2 | 35.0 | 48.0 | 41.9 | 46.8 | 54.3 | 27.7 | -0.3 | -18.0 | -19.6 | -9.5 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | -3.5 | 118.8 | 30.9 | 61.8 | 44.9 | 49.8 | 45.0 | 17.0 | -12.7 | -28.5 | -15.5 | 3.7 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | -4.8 | 18.4 | 47.5 | 47.7 | 44.7 | 47.6 | 66.6 | 38.1 | 10.8 | -7.4 | -24.7 | -19.3 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | -0.6 | -6.2 | -4.9 | 7.7 | 8.3 | 14.7 | 20.5 | 13.7 | 12.0 | 5.6 | 3.2 | 1.6 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | 7.7 | 31.5 | 6.2 | 17.2 | 14.4 | 17.5 | 21.5 | 10.0 | 6.5 | -0.5 | -2.3 | -2.0 |
| Produk Petroleum Bertapis | 0.5 | 49.1 | 49.3 | 38.0 | 25.6 | 26.2 | 30.8 | 18.3 | 8.9 | -6.2 | -18.4 | -14.5 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | -10.2 | 42.8 | -18.8 | -9.1 | -2.0 | 7.4 | 20.2 | 12.7 | 9.2 | 8.7 | 9.8 | 6.2 |
| Perkhidmatan / Services | -2.0 | 14.8 | -3.8 | 4.5 | 8.6 | 14.5 | 20.0 | 11.8 | 9.6 | 5.9 | 6.1 | 5.2 |
| Tambah Duti Import / Plus Import Duties | 17.4 | 30.2 | -6.6 | -3.2 | -0.4 | 6.8 | 27.2 | 10.6 | 10.4 | 5.7 | 8.0 | 10.7 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | 1.2 | 23.5 | 2.6 | 12.0 | 13.7 | 18.7 | 20.8 | 10.1 | 5.2 | -1.2 | 1.3 | 1.9 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya / Percentage Change from Preceding Quarter | | | | | | | | | | | | |
| Pertanian / Agriculture | -4.6 | 15.5 | 16.3 | 6.2 | -10.2 | 14.1 | -8.6 | -7.9 | -16.4 | 4.8 | 24.2 | -6.9 |
| Perombongan dan Pengkuarian | 31.2 | 8.1 | -11.1 | 17.5 | 25.8 | 11.8 | -6.6 | -2.7 | -1.8 | -8.0 | -8.4 | 9.4 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | 70.2 | 20.3 | -29.8 | 12.6 | 52.5 | 24.4 | -32.1 | -9.2 | 13.8 | 1.9 | -19.7 | 11.5 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | 14.4 | 0.7 | 7.9 | 18.8 | 12.0 | 2.8 | 21.8 | -1.5 | -10.1 | -14.1 | -0.9 | 5.6 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | -12.5 | -21.6 | 16.3 | 35.0 | -12.0 | -17.0 | 22.1 | 27.4 | -13.3 | -21.7 | 19.4 | 25.4 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | -1.0 | 1.7 | 2.7 | 13.3 | -3.4 | 4.5 | 6.2 | 2.6 | -6.5 | -2.4 | 4.3 | 2.9 |
| Produk Petroleum Bertapis | 8.2 | 2.2 | 21.1 | 3.1 | -1.6 | 2.7 | 25.5 | -6.8 | -9.4 | -11.5 | 9.1 | -2.3 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | -0.6 | -8.3 | -6.5 | 6.7 | 7.2 | 0.4 | 4.5 | 0.1 | 3.8 | 0.1 | 5.6 | -3.2 |
| Perkhidmatan / Services | -5.5 | -2.3 | 0.5 | 12.5 | -1.7 | 2.9 | 5.4 | 4.8 | -3.7 | -0.5 | 5.6 | 3.9 |
| Tambah Duti Import / Plus Import Duties | -11.6 | 10.5 | -19.1 | 22.5 | -9.0 | 18.4 | -3.6 | 6.5 | -9.2 | 13.4 | -1.5 | 9.1 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | -2.1 | 0.8 | 1.0 | 12.3 | -0.6 | 5.3 | 2.8 | 2.3 | -5.0 | -1.1 | 5.3 | 2.9 |
| (D) Peratusan Sumbangan kepada KDNK / Percentage Share to GDP | | | | | | | | | | | | |
| Pertanian / Agriculture | 8.1 | 9.3 | 10.7 | 10.1 | 9.1 | 9.9 | 8.8 | 7.9 | 7.0 | 7.4 | 8.7 | 7.9 |
| Perombongan dan Pengkuarian | 8.0 | 8.6 | 7.6 | 7.9 | 10.0 | 10.6 | 9.7 | 9.2 | 9.5 | 8.8 | 7.7 | 8.2 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | 3.7 | 4.4 | 3.1 | 3.1 | 4.7 | 5.6 | 3.7 | 3.3 | 3.9 | 4.1 | 3.1 | 3.3 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | 3.7 | 3.7 | 3.9 | 4.1 | 4.7 | 4.6 | 5.4 | 5.2 | 4.9 | 4.3 | 4.0 | 4.1 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.5 | 0.6 | 0.7 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | 23.0 | 23.2 | 23.6 | 23.8 | 23.1 | 22.9 | 23.7 | 23.8 | 23.4 | 23.1 | 22.9 | 22.9 |
| Produk Petroleum Bertapis | 3.3 | 3.3 | 4.0 | 3.7 | 3.6 | 3.6 | 4.3 | 4.0 | 3.8 | 3.4 | 3.5 | 3.3 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | 4.1 | 3.7 | 3.4 | 3.3 | 3.5 | 3.3 | 3.4 | 3.3 | 3.6 | 3.7 | 3.7 | 3.5 |
| Perkhidmatan / Services | 55.7 | 54.0 | 53.7 | 53.9 | 53.2 | 52.1 | 53.4 | 54.7 | 55.5 | 55.8 | 55.9 | 56.5 |
| Tambah Duti Import / Plus Import Duties | 1.1 | 1.2 | 1.0 | 1.1 | 1.0 | 1.1 | 1.0 | 1.1 | 1.0 | 1.2 | 1.1 | 1.2 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Nota / Notes :

^e Anggaran / Estimate

^p Awalan / Preliminary

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan
Source : Quarterly Gross Domestic Product (GDP)

16a KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar - Tahunan
GDP by Economic Activity at Constant Prices - Annually

| Keterangan Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 ^e | 2022 ^p | 2023 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|------------------|
| (A) Nilai (RM Juta) Value (RM Million) | | | | | | | | | |
| Pertanian / Agriculture | 97,539 | 93,977 | 99,509 | 99,637 | 101,573 | 99,109 | 99,000 | 99,073 | 99,791 |
| Perlombongan dan Pengkuarian Mining and Quarrying | 103,059 | 105,368 | 105,838 | 103,557 | 102,887 | 92,879 | 93,717 | 96,199 | 97,199 |
| Minyak Mentah dan Kondensat Crude Oil and Condensate | 46,526 | 46,821 | 45,807 | 45,430 | 42,460 | 38,430 | 36,410 | 35,409 | 36,100 |
| Gas Asli / Natural Gas | 49,119 | 50,607 | 51,492 | 49,322 | 50,643 | 45,896 | 49,166 | 52,065 | 52,030 |
| Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services | 7,414 | 7,940 | 8,539 | 8,806 | 9,784 | 8,554 | 8,142 | 8,726 | 9,068 |
| Pembuatan / Manufacturing | 262,379 | 273,899 | 290,464 | 304,843 | 316,283 | 307,606 | 336,839 | 364,131 | 366,703 |
| Produk Petroleum Bertapis Refined Petroleum Products | 34,341 | 35,522 | 36,750 | 37,962 | 39,026 | 35,286 | 39,814 | 41,904 | 40,956 |
| Pembinaan / Construction | 55,382 | 59,508 | 63,522 | 66,194 | 66,453 | 53,616 | 50,889 | 53,441 | 56,689 |
| Perkhidmatan / Services | 643,883 | 680,561 | 723,361 | 772,990 | 820,576 | 777,693 | 794,552 | 881,310 | 927,826 |
| Tambah Duti Import / Plus Import Duties | 14,699 | 16,000 | 18,076 | 16,546 | 16,179 | 15,346 | 15,646 | 16,785 | 18,339 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Price: | 1,176,941 | 1,229,312 | 1,300,769 | 1,363,766 | 1,423,952 | 1,346,249 | 1,390,644 | 1,510,939 | 1,566,546 |
| (B) Perubahan Peratusan Tahunan Annual Percentage Change | | | | | | | | | |
| Pertanian / Agriculture | 1.4 | -3.7 | 5.9 | 0.1 | 1.9 | -2.4 | -0.1 | 0.1 | 0.7 |
| Perlombongan dan Pengkuarian Mining and Quarrying | 5.3 | 2.2 | 0.4 | -2.2 | -0.6 | -9.7 | 0.9 | 2.6 | 1.0 |
| Minyak Mentah dan Kondensat Crude Oil and Condensate | 10.4 | 0.6 | -2.2 | -0.8 | -6.5 | -9.5 | -5.3 | -2.7 | 2.0 |
| Gas Asli / Natural Gas | -1.0 | 3.0 | 1.7 | -4.2 | 2.7 | -9.4 | 7.1 | 5.9 | -0.1 |
| Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services | 13.7 | 7.1 | 7.5 | 3.1 | 11.1 | -12.6 | -4.8 | 7.2 | 3.9 |
| Pembuatan / Manufacturing | 4.8 | 4.4 | 6.0 | 5.0 | 3.8 | -2.7 | 9.5 | 8.1 | 0.7 |
| Produk Petroleum Bertapis Refined Petroleum Products | 1.2 | 3.4 | 3.5 | 3.3 | 2.8 | -9.6 | 12.8 | 5.2 | -2.3 |
| Pembinaan / Construction | 8.4 | 7.4 | 6.7 | 4.2 | 0.4 | -19.3 | -5.1 | 5.0 | 6.1 |
| Perkhidmatan / Services | 5.3 | 5.7 | 6.3 | 6.9 | 6.2 | -5.2 | 2.2 | 10.9 | 5.3 |
| Tambah Duti Import / Plus Import Duties | 18.6 | 8.8 | 13.0 | -8.5 | -2.2 | -5.2 | 2.0 | 7.3 | 9.3 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Price: | 5.1 | 4.4 | 5.8 | 4.8 | 4.4 | -5.5 | 3.3 | 8.7 | 3.7 |
| (C) Peratusan Sumbangan kepada KDNK Percentage Share to GDP | | | | | | | | | |
| Pertanian / Agriculture | 8.3 | 7.6 | 7.6 | 7.3 | 7.1 | 7.4 | 7.1 | 6.6 | 6.4 |
| Perlombongan dan Pengkuarian Mining and Quarrying | 8.8 | 8.6 | 8.1 | 7.6 | 7.2 | 6.9 | 6.7 | 6.4 | 6.2 |
| Minyak Mentah dan Kondensat Crude Oil and Condensate | 4.0 | 3.8 | 3.5 | 3.3 | 3.0 | 2.9 | 2.6 | 2.3 | 2.3 |
| Gas Asli / Natural Gas | 4.2 | 4.1 | 4.0 | 3.6 | 3.6 | 3.4 | 3.5 | 3.4 | 3.3 |
| Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services | 0.6 | 0.6 | 0.7 | 0.6 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 |
| Pembuatan / Manufacturing | 22.3 | 22.3 | 22.3 | 22.4 | 22.2 | 22.8 | 24.2 | 24.1 | 23.4 |
| Produk Petroleum Bertapis Refined Petroleum Products | 2.9 | 2.9 | 2.8 | 2.8 | 2.7 | 2.6 | 2.9 | 2.8 | 2.6 |
| Pembinaan / Construction | 4.7 | 4.8 | 4.9 | 4.9 | 4.7 | 4.0 | 3.7 | 3.5 | 3.6 |
| Perkhidmatan / Services | 54.7 | 55.4 | 55.6 | 56.7 | 57.6 | 57.8 | 57.1 | 58.3 | 59.2 |
| Tambah Duti Import / Plus Import Duties | 1.2 | 1.3 | 1.4 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Price: | 100.0 | 100.0 | 100.0 |

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan
Source : Quarterly Gross Domestic Product (GDP)

Nota / Notes :

^e Anggaran / Estimate

^p Awalan / Preliminary

16b KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar - Suku Tahunan
GDP by Economic Activity at Constant Prices - Quarterly

| Keterangan / Description | 2021 ^e | | | | 2022 ^p | | | | 2023 | | | |
|--|-------------------|---------|---------|---------|-------------------|---------|---------|---------|---------|---------|---------|---------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Nilai (RM Juta) / Value (RM Million) | | | | | | | | | | | | |
| Pertanian / Agriculture | 22,596 | 24,090 | 27,356 | 24,958 | 22,610 | 23,526 | 27,697 | 25,240 | 22,834 | 23,295 | 27,938 | 25,723 |
| Perombongan dan Pengkuarian | 24,630 | 24,073 | 21,207 | 23,807 | 24,087 | 23,666 | 23,133 | 25,314 | 24,675 | 23,128 | 23,113 | 26,283 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | 9,775 | 9,594 | 8,281 | 8,760 | 8,863 | 8,975 | 8,435 | 9,136 | 9,213 | 8,837 | 8,616 | 9,434 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | 12,746 | 12,820 | 10,987 | 12,612 | 13,096 | 12,937 | 12,494 | 13,538 | 13,180 | 12,469 | 12,215 | 14,165 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | 2,109 | 1,660 | 1,938 | 2,435 | 2,127 | 1,754 | 2,204 | 2,640 | 2,282 | 1,821 | 2,282 | 2,684 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | 81,710 | 81,543 | 81,697 | 91,889 | 87,181 | 89,039 | 92,399 | 95,513 | 89,996 | 89,151 | 92,291 | 95,264 |
| Produk Petroleum Bertapis | 9,425 | 9,605 | 10,409 | 10,375 | 9,665 | 9,877 | 11,506 | 10,857 | 10,270 | 9,649 | 10,538 | 10,499 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | 13,786 | 12,639 | 11,843 | 12,620 | 12,945 | 12,953 | 13,655 | 13,889 | 13,906 | 13,759 | 14,641 | 14,382 |
| Perkhidmatan / Services | 197,305 | 191,355 | 191,818 | 214,074 | 209,973 | 214,034 | 223,829 | 233,475 | 225,342 | 224,105 | 235,131 | 243,248 |
| Tambah Duti Import / Plus Import Duties | 3,978 | 4,068 | 3,365 | 4,235 | 3,808 | 4,228 | 4,171 | 4,577 | 4,211 | 4,510 | 4,540 | 5,077 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | 344,005 | 337,770 | 337,286 | 371,583 | 360,603 | 367,444 | 384,884 | 398,008 | 380,966 | 377,949 | 397,655 | 409,977 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya / Percentage Change from Corresponding Quarter of Preceding Year | | | | | | | | | | | | |
| Pertanian / Agriculture | 0.3 | -1.4 | -2.1 | 3.1 | 0.1 | -2.3 | 1.2 | 1.1 | 1.0 | -1.0 | 0.9 | 1.9 |
| Perombongan dan Pengkuarian | -3.3 | 12.6 | -3.6 | -0.9 | -2.2 | -1.7 | 9.1 | 6.3 | 2.4 | -2.3 | -0.1 | 3.8 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | -10.3 | 6.2 | -8.9 | -6.9 | -9.3 | -6.5 | 1.9 | 4.3 | 4.0 | -1.5 | 2.1 | 3.3 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | 2.5 | 22.0 | 2.0 | 3.6 | 2.7 | 0.9 | 13.7 | 7.3 | 0.6 | -3.6 | -2.2 | 4.6 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | -1.4 | -10.0 | -9.4 | 0.1 | 0.9 | 5.7 | 13.7 | 8.4 | 7.3 | 3.8 | 3.5 | 1.7 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | 6.6 | 26.7 | -0.9 | 9.2 | 6.7 | 9.2 | 13.1 | 3.9 | 3.2 | 0.1 | -0.1 | -0.3 |
| Produk Petroleum Bertapis | -4.6 | 33.8 | 19.1 | 9.3 | 2.5 | 2.8 | 10.5 | 4.6 | 6.3 | -2.3 | -8.4 | -3.3 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | -10.3 | 40.4 | -20.5 | -12.0 | -6.1 | 2.5 | 15.3 | 10.1 | 7.4 | 6.2 | 7.2 | 3.6 |
| Perkhidmatan / Services | -2.0 | 13.8 | -4.6 | 3.3 | 6.4 | 11.9 | 16.7 | 9.1 | 7.3 | 4.7 | 5.0 | 4.2 |
| Tambah Duti Import / Plus Import Duties | 18.9 | 18.4 | -12.5 | -10.3 | -4.3 | 3.9 | 24.0 | 8.1 | 10.6 | 6.7 | 8.9 | 10.9 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | -0.2 | 16.2 | -4.2 | 3.6 | 4.8 | 8.8 | 14.1 | 7.1 | 5.6 | 2.9 | 3.3 | 3.0 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya / Percentage Change from Preceding Quarter | | | | | | | | | | | | |
| Pertanian / Agriculture | -6.7 | 6.6 | 13.6 | -8.8 | -9.4 | 4.1 | 17.7 | -8.9 | -9.5 | 2.0 | 19.9 | -7.9 |
| Perombongan dan Pengkuarian | 2.5 | -2.3 | -11.9 | 12.3 | 1.2 | -1.7 | -2.2 | 9.4 | -2.5 | -6.3 | -0.1 | 13.7 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | 3.9 | -1.9 | -13.7 | 5.8 | 1.2 | 1.3 | -6.0 | 8.3 | 0.8 | -4.1 | -2.5 | 9.5 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | 4.7 | 0.6 | -14.3 | 14.8 | 3.8 | -1.2 | -3.4 | 8.4 | -2.6 | -5.4 | -2.0 | 16.0 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | -13.3 | -21.3 | 16.8 | 25.7 | -12.6 | -17.5 | 25.7 | 19.8 | -13.6 | -20.2 | 25.3 | 17.6 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | -2.9 | -0.2 | 0.2 | 12.5 | -5.1 | 2.1 | 3.8 | 3.4 | -5.8 | -0.9 | 3.5 | 3.2 |
| Produk Petroleum Bertapis | -0.7 | 1.9 | 8.4 | -0.3 | -6.8 | 2.2 | 16.5 | -5.6 | -5.4 | -6.0 | 9.2 | -0.4 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | -3.9 | -8.3 | -6.3 | 6.6 | 2.6 | 0.1 | 5.4 | 1.7 | 0.1 | -1.1 | 6.4 | -1.8 |
| Perkhidmatan / Services | -4.8 | -3.0 | 0.2 | 11.6 | -1.9 | 1.9 | 4.6 | 4.3 | -3.5 | -0.5 | 4.9 | 3.5 |
| Tambah Duti Import / Plus Import Duties | -15.7 | 2.3 | -17.3 | 25.8 | -10.1 | 11.0 | -1.3 | 9.7 | -8.0 | 7.1 | 0.7 | 11.8 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | -4.1 | -1.8 | -0.1 | 10.2 | -3.0 | 1.9 | 4.7 | 3.4 | -4.3 | -0.8 | 5.2 | 3.1 |
| (D) Peratusan Sumbangan kepada KDNK / Percentage Share to GDP | | | | | | | | | | | | |
| Pertanian / Agriculture | 6.6 | 7.1 | 8.1 | 6.7 | 6.3 | 6.4 | 7.2 | 6.3 | 6.0 | 6.2 | 7.0 | 6.3 |
| Perombongan dan Pengkuarian | 7.2 | 7.1 | 6.3 | 6.4 | 6.7 | 6.4 | 6.0 | 6.4 | 6.5 | 6.1 | 5.8 | 6.4 |
| <i>Mining and Quarrying</i> | | | | | | | | | | | | |
| Minyak Mentah dan Kondensat | 2.8 | 2.8 | 2.5 | 2.4 | 2.5 | 2.4 | 2.2 | 2.3 | 2.4 | 2.3 | 2.2 | 2.3 |
| <i>Crude Oil and Condensate</i> | | | | | | | | | | | | |
| Gas Asli / Natural Gas | 3.7 | 3.8 | 3.3 | 3.4 | 3.6 | 3.5 | 3.2 | 3.4 | 3.5 | 3.3 | 3.1 | 3.5 |
| <i>Natural Gas</i> | | | | | | | | | | | | |
| dan | | | | | | | | | | | | |
| Perkhidmatan Sokongan | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.5 | 0.6 | 0.7 |
| <i>Other Mining & Quarrying and Supporting</i> | | | | | | | | | | | | |
| Pembuatan / Manufacturing | 23.8 | 24.1 | 24.2 | 24.7 | 24.2 | 24.2 | 24.0 | 24.0 | 23.6 | 23.6 | 23.2 | 23.2 |
| Produk Petroleum Bertapis | 2.7 | 2.8 | 3.1 | 2.8 | 2.7 | 2.7 | 3.0 | 2.7 | 2.7 | 2.6 | 2.7 | 2.6 |
| <i>Refined Petroleum Products</i> | | | | | | | | | | | | |
| Pembinaan / Construction | 4.0 | 3.7 | 3.5 | 3.4 | 3.6 | 3.5 | 3.5 | 3.5 | 3.7 | 3.6 | 3.7 | 3.5 |
| Perkhidmatan / Services | 57.4 | 56.7 | 56.9 | 57.6 | 58.2 | 58.2 | 58.2 | 58.7 | 59.2 | 59.3 | 59.1 | 59.3 |
| Tambah Duti Import / Plus Import Duties | 1.2 | 1.2 | 1.0 | 1.1 | 1.1 | 1.2 | 1.1 | 1.1 | 1.1 | 1.2 | 1.1 | 1.2 |
| KDNK pada Harga Pembeli / GDP at Purchasers' Prices | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Nota / Notes :
^e Anggaran / Estimate
^p Awalan / Preliminary

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan
Source : Quarterly Gross Domestic Product (GDP)

17a IPP dan Indeks Sektor (2015=100) - Tahunan
IPI and Sectors Indices (2015=100) - Annually

| Keterangan Description | Wajaran Weights 2015 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (A) Indeks Index | | | | | | | | | | |
| IPP / IPI | 100.0 | 100.0 | 104.1 | 108.7 | 112.2 | 114.9 | 110.2 | 118.3 | 126.2 | 127.3 |
| Perlombongan / Mining | 25.1 | 100.0 | 102.4 | 102.7 | 100.6 | 99.3 | 90.5 | 91.8 | 93.9 | 94.7 |
| Pengekstrakan Minyak Petroleum Mentah dan Kondensat <i>Extraction of Crude Petroleum Oils and Condensates</i> | 12.2 | 100.0 | 101.2 | 99.5 | 99.3 | 93.5 | 85.1 | 80.8 | 78.6 | 80.3 |
| Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i> | 12.9 | 100.0 | 103.5 | 105.8 | 101.9 | 104.9 | 95.5 | 102.3 | 108.3 | 108.3 |
| Pembuatan / Manufacturing | 68.3 | 100.0 | 104.3 | 110.7 | 116.0 | 120.1 | 116.9 | 128.1 | 138.5 | 139.5 |
| Produk Petroleum, Kimia, Getah dan Plastik <i>Petroleum, Chemical, Rubber and Plastic Products</i> | 20.6 | 100.0 | 104.1 | 108.3 | 112.6 | 115.9 | 115.0 | 130.1 | 131.3 | 130.1 |
| Pembuatan Kok dan Produk Petroleum Bertapis <i>Manufacture of Coke and Refined Petroleum Products</i> | 9.4 | 100.0 | 103.1 | 106.7 | 110.2 | 113.2 | 101.2 | 112.9 | 120.0 | 118.1 |
| Pembuatan Kimia dan Produk Kimia <i>Manufacture of Chemicals and Chemical Products</i> | 6.4 | 100.0 | 106.0 | 110.6 | 115.5 | 117.5 | 109.2 | 119.5 | 124.4 | 129.7 |
| Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i> | 0.4 | 100.0 | 104.4 | 109.4 | 115.9 | 120.7 | 138.2 | 159.9 | 169.7 | 168.4 |
| Pembuatan Produk Getah dan Plastik <i>Manufacture of Rubber and Plastics Products</i> | 4.5 | 100.0 | 103.6 | 108.4 | 113.4 | 118.9 | 150.2 | 178.4 | 161.2 | 152.6 |
| Elektrik / Electric | 6.6 | 100.0 | 108.6 | 110.9 | 116.3 | 119.9 | 115.7 | 118.6 | 122.9 | 125.9 |
| (B) Perubahan Peratusan Tahunan Annual Percentage Change | | | | | | | | | | |
| IPP / IPI | | | 4.1 | 4.4 | 3.2 | 2.4 | -4.1 | 7.4 | 6.7 | 0.9 |
| Perlombongan / Mining | | | 2.4 | 0.4 | -2.1 | -1.3 | -8.9 | 1.5 | 2.2 | 0.8 |
| Pengekstrakan Minyak Petroleum Mentah dan Kondensat <i>Extraction of Crude Petroleum Oils and Condensates</i> | | | 1.2 | -1.7 | -0.2 | -5.9 | -8.9 | -5.2 | -2.7 | 2.1 |
| Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i> | | | 3.5 | 2.2 | -3.7 | 3.0 | -8.9 | 7.1 | 5.9 | 0.0 |
| Pembuatan / Manufacturing | | | 4.3 | 6.1 | 4.8 | 3.6 | -2.7 | 9.5 | 8.2 | 0.7 |
| Produk Petroleum, Kimia, Getah dan Plastik <i>Petroleum, Chemical, Rubber and Plastic Products</i> | | | 4.1 | 4.0 | 4.6 | 4.9 | -0.8 | 13.1 | 0.9 | -0.9 |
| Pembuatan Kok dan Produk Petroleum Bertapis <i>Manufacture of Coke and Refined Petroleum Products</i> | | | 3.1 | 3.5 | 3.3 | 2.7 | -10.6 | 11.6 | 6.3 | -1.6 |
| Pembuatan Kimia dan Produk Kimia <i>Manufacture of Chemicals and Chemical Products</i> | | | 6.0 | 4.3 | 4.4 | 1.8 | -7.1 | 9.4 | 4.1 | 4.2 |
| Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i> | | | 4.4 | 4.8 | 5.9 | 4.2 | 14.5 | 15.7 | 6.1 | -0.7 |
| Pembuatan Produk Getah dan Plastik <i>Manufacture of Rubber and Plastics Products</i> | | | 3.6 | 4.6 | 4.6 | 4.9 | 26.3 | 18.8 | -9.6 | -5.3 |
| Elektrik / Electric | | | 8.6 | 2.1 | 4.8 | 3.1 | -3.5 | 2.5 | 3.6 | 2.5 |

Sumber : Indeks Pengeluaran Perindustrian (2015=100)
Source : Index of Industrial Production (2015=100)

17b IPP dan Indeks Sektor (2015=100) - Suku Tahunan
 IPI and Sectors Indices (2015=100) - Quarterly

| Keterangan Description | Wajaran Weights 2015 | 2021 | | | | 2022 | | | | 2023 | | | |
|--|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Indeks Index | | | | | | | | | | | | | |
| IPP / IPI | 100.0 | 117.7 | 115.8 | 114.4 | 125.3 | 122.6 | 123.6 | 128.4 | 130.4 | 126.2 | 123.2 | 128.4 | 131.6 |
| Perlombongan / Mining | 25.1 | 97.1 | 94.9 | 83.8 | 91.4 | 94.7 | 92.8 | 91.0 | 97.0 | 96.7 | 90.1 | 90.7 | 101.1 |
| Pengekstrakan Minyak Petroleum Mentah dan Kondensat / <i>Extraction of Crude Petroleum Oils and Condensates</i> | 12.2 | 86.4 | 83.8 | 74.9 | 77.9 | 78.3 | 78.4 | 76.4 | 81.3 | 81.6 | 77.2 | 78.1 | 84.2 |
| Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i> | 12.9 | 107.3 | 105.3 | 92.2 | 104.3 | 110.3 | 106.3 | 104.8 | 111.9 | 111.0 | 102.4 | 102.6 | 117.2 |
| Pembuatan / Manufacturing | 68.3 | 125.3 | 123.4 | 125.6 | 137.9 | 133.2 | 134.8 | 142.5 | 143.5 | 137.7 | 134.9 | 142.3 | 143.2 |
| Produk Petroleum, Kimia, Getah dan Plastik / <i>Petroleum, Chemical, Rubber and Plastic Products</i> | 20.6 | 131.0 | 127.7 | 131.3 | 130.3 | 130.2 | 126.6 | 136.9 | 131.5 | 132.9 | 124.3 | 132.9 | 130.3 |
| Pembuatan Kok dan Produk Petroleum Bertapis / <i>Manufacture of Coke and Refined Petroleum Products</i> | 9.4 | 113.7 | 105.9 | 115.6 | 116.3 | 118.6 | 110.7 | 128.4 | 122.3 | 128.0 | 108.7 | 117.5 | 118.1 |
| Pembuatan Kimia dan Produk Kimia / <i>Manufacture of Chemicals and Chemical Products</i> | 6.4 | 120.7 | 112.9 | 119.5 | 125.0 | 125.7 | 120.1 | 124.6 | 127.2 | 129.2 | 125.9 | 133.3 | 130.4 |
| Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i> | 0.4 | 142.1 | 155.1 | 173.4 | 169.1 | 156.2 | 162.7 | 185.6 | 174.3 | 165.3 | 163.1 | 176.1 | 169.2 |
| Pembuatan Produk Getah dan Plastik / <i>Manufacture of Rubber and Plastics Products</i> | 4.5 | 181.0 | 191.8 | 177.3 | 163.6 | 158.3 | 166.0 | 167.8 | 152.9 | 145.9 | 151.4 | 160.9 | 152.3 |
| Elektrik / Electric | 6.6 | 117.1 | 117.8 | 115.6 | 123.8 | 119.4 | 124.7 | 125.6 | 121.8 | 119.7 | 128.2 | 128.1 | 127.7 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year | | | | | | | | | | | | | |
| IPP / IPI | | 4.1 | 22.5 | -1.2 | 6.9 | 4.2 | 6.7 | 12.2 | 4.0 | 2.9 | -0.3 | -0.1 | 1.0 |
| Perlombongan / Mining | | -3.3 | 14.8 | -3.0 | -1.1 | -2.5 | -2.2 | 8.6 | 6.1 | 2.1 | -2.8 | -0.4 | 4.3 |
| Pengekstrakan Minyak Petroleum Mentah dan Kondensat / <i>Extraction of Crude Petroleum Oils and Condensates</i> | | -10.0 | 6.6 | -8.7 | -7.1 | -9.4 | -6.4 | 1.9 | 4.4 | 4.2 | -1.6 | 2.2 | 3.6 |
| Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i> | | 2.5 | 22.0 | 2.0 | 3.6 | 2.7 | 0.9 | 13.7 | 7.3 | 0.6 | -3.7 | -2.1 | 4.7 |
| Pembuatan / Manufacturing | | 6.8 | 26.3 | -0.7 | 9.2 | 6.3 | 9.3 | 13.4 | 4.0 | 3.4 | 0.1 | -0.1 | -0.2 |
| Produk Petroleum, Kimia, Getah dan Plastik / <i>Petroleum, Chemical, Rubber and Plastic Products</i> | | 9.2 | 29.3 | 11.4 | 5.6 | -0.7 | -0.8 | 4.2 | 0.9 | 2.1 | -1.8 | -2.9 | -0.9 |
| Pembuatan Kok dan Produk Petroleum Bertapis / <i>Manufacture of Coke and Refined Petroleum Products</i> | | -5.9 | 34.5 | 18.0 | 8.6 | 4.3 | 4.5 | 11.1 | 5.1 | 7.9 | -1.8 | -8.5 | -3.5 |
| Pembuatan Kimia dan Produk Kimia / <i>Manufacture of Chemicals and Chemical Products</i> | | 4.5 | 16.6 | 7.3 | 10.5 | 4.2 | 6.5 | 4.3 | 1.7 | 2.8 | 4.8 | 7.0 | 2.5 |
| Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i> | | 21.5 | 10.8 | 12.2 | 19.5 | 9.9 | 4.9 | 7.0 | 3.0 | 5.8 | 0.2 | -5.1 | -2.9 |
| Pembuatan Produk Getah dan Plastik / <i>Manufacture of Rubber and Plastics Products</i> | | 44.8 | 37.2 | 7.2 | -4.1 | -12.5 | -13.5 | -5.4 | -6.5 | -7.8 | -8.8 | -4.1 | -0.4 |
| Elektrik / Electric | | -0.1 | 8.6 | -2.8 | 4.8 | 2.0 | 5.8 | 8.7 | -1.7 | 0.3 | 2.8 | 1.9 | 4.9 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter | | | | | | | | | | | | | |
| IPP / IPI | | 0.4 | -1.6 | -1.2 | 9.5 | -2.1 | 0.8 | 3.9 | 1.5 | -3.3 | -2.3 | 4.2 | 2.5 |
| Perlombongan / Mining | | 5.1 | -2.3 | -11.7 | 9.1 | 3.6 | -2.1 | -1.9 | 6.6 | -0.3 | -6.8 | 0.6 | 11.5 |
| Pengekstrakan Minyak Petroleum Mentah dan Kondensat / <i>Extraction of Crude Petroleum Oils and Condensates</i> | | 3.1 | -3.0 | -10.6 | 3.9 | 0.5 | 0.2 | -2.6 | 6.4 | 0.3 | -5.4 | 1.1 | 7.8 |
| Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i> | | 6.6 | -1.8 | -12.5 | 13.1 | 5.8 | -3.6 | -1.5 | 6.8 | -0.8 | -7.7 | 0.2 | 14.2 |
| Pembuatan / Manufacturing | | -0.8 | -1.5 | 1.8 | 9.8 | -3.4 | 1.2 | 5.7 | 0.7 | -4.0 | -2.1 | 5.5 | 0.6 |
| Produk Petroleum, Kimia, Getah dan Plastik / <i>Petroleum, Chemical, Rubber and Plastic Products</i> | | 6.2 | -2.6 | 2.8 | -0.8 | -0.1 | -2.7 | 8.1 | -3.9 | 1.1 | -6.5 | 6.9 | -2.0 |
| Pembuatan Kok dan Produk Petroleum Bertapis / <i>Manufacture of Coke and Refined Petroleum Products</i> | | 6.1 | -6.8 | 9.1 | 0.7 | 2.0 | -6.7 | 16.0 | -4.7 | 4.6 | -15.1 | 8.2 | 0.5 |
| Pembuatan Kimia dan Produk Kimia / <i>Manufacture of Chemicals and Chemical Products</i> | | 6.7 | -6.5 | 5.9 | 4.6 | 0.5 | -4.4 | 3.7 | 2.1 | 1.6 | -2.5 | 5.8 | -2.2 |
| Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i> | | 0.5 | 9.1 | 11.8 | -2.5 | -7.6 | 4.1 | 14.1 | -6.1 | -5.1 | -1.4 | 8.0 | -3.9 |
| Pembuatan Produk Getah dan Plastik / <i>Manufacture of Rubber and Plastics Products</i> | | 6.2 | 5.9 | -7.5 | -7.7 | -3.2 | 4.8 | 1.1 | -8.8 | -4.6 | 3.7 | 6.3 | -5.3 |
| Elektrik / Electric | | -0.9 | 0.7 | -1.9 | 7.1 | -3.6 | 4.5 | 0.7 | -3.1 | -1.7 | 7.1 | -0.1 | -0.3 |

Sumber : Indeks Pengeluaran Perindustrian (2015=100)
 Source : Index of Industrial Production (2015=100)

18a IHPR (2010=100) Pengeluaran Tempatan, Pengekstrakan Petroleum Mentah & Gas Asli dan Pembuatan Kok & Produk Petroleum Bertapis - Tahunan
PPI (2010=100) Local Production, Extraction of Crude Petroleum & Natural Gas and Manufacture of Coke & Refined Petroleum Products - Annually

| Keterangan Description | Wajaran Weights 2015 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (A) Indeks Index | | | | | | | | | | |
| IHPR / PPI | 100.000 | 102.2 | 101.1 | 107.9 | 106.7 | 105.2 | 102.4 | 112.1 | 120.8 | 118.5 |
| Perlombongan / Mining | 7.927 | 86.1 | 72.9 | 90.9 | 106.8 | 102.9 | 65.5 | 92.5 | 104.2 | 98.1 |
| Pengekstrakan Petroleum Mentah Extraction of Crude Petroleum | 5.782 | 79.2 | 73.8 | 96.5 | 116.6 | 110.8 | 66.9 | 98.8 | 105.1 | 94.5 |
| Pengekstrakan Gas Asli Extraction of Natural Gas | 2.145 | 108.9 | 70.2 | 72.4 | 75.4 | 78.2 | 63.6 | 73.7 | 105.9 | 116.4 |
| Pembuatan / Manufacturing | 81.571 | 104.8 | 103.5 | 109.0 | 107.0 | 106.0 | 105.6 | 111.4 | 120.8 | 120.5 |
| Pembuatan Produk Petroleum Bertapis Manufacture of Refined Petroleum Products | 10.038 | 107.5 | 92.7 | 112.6 | 124.6 | 126.4 | 117.7 | 133.4 | 160.6 | 151.9 |
| (B) Perubahan Peratusan Tahunan Annual Percentage Change | | | | | | | | | | |
| IHPR / PPI | | -7.4 | -1.1 | 6.7 | -1.1 | -1.4 | -2.7 | 9.5 | 7.8 | -1.9 |
| Perlombongan / Mining | | -36.1 | -15.3 | 24.6 | 17.5 | -3.7 | -36.3 | 41.2 | 12.6 | -5.9 |
| Pengekstrakan Petroleum Mentah Extraction of Crude Petroleum | | 61.1 | -6.9 | 30.8 | 20.8 | -5.0 | -39.6 | 47.6 | 6.3 | -10.1 |
| Pengekstrakan Gas Asli Extraction of Natural Gas | | -31.2 | -35.6 | 3.2 | 4.1 | 3.8 | -18.7 | 15.9 | 43.8 | 9.9 |
| Pembuatan / Manufacturing | | -3.6 | -1.2 | 5.3 | -1.8 | -0.9 | -0.4 | 5.5 | 8.4 | -0.2 |
| Pembuatan Produk Petroleum Bertapis Manufacture of Refined Petroleum Products | | -19.3 | -13.8 | 21.5 | 10.6 | 1.4 | -6.9 | 13.4 | 20.4 | -5.4 |

Sumber : Indeks Harga Pengeluar Pengeluaran Tempatan (2010 = 100)
Source : Producer Price Index Local Production (2010 = 100)

18b IHPR (2010=100) Pengeluaran Tempatan, Pengekstrakan Petroleum Mentah & Gas Asli dan Pembuatan Kok & Produk Petroleum Bertapis - Suku Tahun
PPI (2010=100) Local Production, Extraction of Crude Petroleum & Natural Gas and Manufacture of Coke & Refined Petroleum Products - Quarterly

| Keterangan Description | Wajaran Weights 2015 | 2021 | | | | 2022 | | | | 2023 | | | |
|--|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Indeks <i>Index</i> | | | | | | | | | | | | | |
| IHPR / PPI | 100.000 | 108.5 | 111.3 | 113.1 | 115.5 | 119.6 | 123.6 | 120.4 | 119.6 | 118.6 | 118.5 | 118.7 | 118.4 |
| Perlombongan / Mining | 7.927 | 81.3 | 89.6 | 98.4 | 100.9 | 104.3 | 106.4 | 103.2 | 102.7 | 97.2 | 94.9 | 100.3 | 100.1 |
| Pengekstrakan Petroleum Mentah <i>Extraction of Crude Petroleum</i> | 5.782 | 86.9 | 96.6 | 104.8 | 106.9 | 109.5 | 110.2 | 102.9 | 97.6 | 91.2 | 90.2 | 97.9 | 98.5 |
| Pengekstrakan Gas Asli <i>Extraction of Natural Gas</i> | 2.145 | 64.1 | 68.1 | 79.2 | 83.3 | 90.4 | 97.8 | 109.2 | 126.5 | 124.0 | 116.8 | 114.2 | 110.8 |
| Pembuatan / Manufacturing | 81.571 | 108.6 | 110.6 | 112.2 | 114.2 | 117.3 | 121.7 | 122.4 | 121.7 | 120.7 | 120.5 | 120.3 | 120.3 |
| Pembuatan Produk Petroleum Bertapis <i>Manufacture of Refined Petroleum Products</i> | 10.038 | 124.3 | 130.2 | 136.9 | 142.2 | 150.0 | 160.0 | 166.3 | 166.1 | 158.5 | 152.7 | 148.4 | 148.0 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i> | | | | | | | | | | | | | |
| IHPR / PPI | | 3.0 | 11.3 | 11.8 | 11.9 | 10.2 | 11.1 | 6.5 | 3.5 | -0.8 | -4.1 | -1.4 | -1.0 |
| Perlombongan / Mining | | -7.3 | 73.9 | 58.9 | 65.3 | 28.4 | 18.8 | 4.9 | 1.8 | -6.8 | -10.8 | -2.8 | -2.5 |
| Pengekstrakan Petroleum Mentah <i>Extraction of Crude Petroleum</i> | | -5.7 | 96.8 | 63.2 | 71.9 | 25.9 | 14.1 | -1.8 | -8.6 | -16.7 | -18.1 | -4.9 | 0.9 |
| Pengekstrakan Gas Asli <i>Extraction of Natural Gas</i> | | -14.6 | 7.6 | 41.0 | 39.4 | 41.1 | 43.6 | 37.8 | 51.8 | 37.2 | 19.4 | 4.6 | -12.4 |
| Pembuatan / Manufacturing | | 1.6 | 5.0 | 7.3 | 7.9 | 8.0 | 10.0 | 9.1 | 6.6 | 2.9 | -1.0 | -1.7 | -1.2 |
| Pembuatan Produk Petroleum Bertapis <i>Manufacture of Refined Petroleum Products</i> | | -1.0 | 10.1 | 21.2 | 24.9 | 20.7 | 22.9 | 21.4 | 16.8 | 5.7 | -4.6 | -10.7 | -10.9 |
| (C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i> | | | | | | | | | | | | | |
| IHPR / PPI | | 5.1 | 2.6 | 1.6 | 2.1 | 3.5 | 3.3 | -2.6 | -0.7 | -0.8 | -0.1 | 0.2 | -0.3 |
| Perlombongan / Mining | | 33.2 | 10.3 | 9.8 | 2.5 | 3.4 | 2.0 | -3.0 | -0.5 | -5.4 | -2.4 | 5.7 | -0.2 |
| Pengekstrakan Petroleum Mentah <i>Extraction of Crude Petroleum</i> | | 39.8 | 11.1 | 8.5 | 2.0 | 2.4 | 0.6 | -6.6 | -5.1 | -6.6 | -1.1 | 8.5 | 0.6 |
| Pengekstrakan Gas Asli <i>Extraction of Natural Gas</i> | | 7.2 | 6.2 | 16.4 | 5.2 | 8.4 | 8.2 | 11.7 | 15.8 | -2.0 | -5.8 | -2.2 | -3.0 |
| Pembuatan / Manufacturing | | 2.6 | 1.8 | 1.4 | 1.8 | 2.7 | 3.8 | 0.6 | -0.6 | -0.8 | -0.2 | -0.2 | 0.0 |
| Pembuatan Produk Petroleum Bertapis <i>Manufacture of Refined Petroleum Products</i> | | 9.1 | 4.8 | 5.2 | 3.8 | 5.5 | 6.6 | 3.9 | -0.1 | -4.6 | -3.7 | -2.8 | -0.3 |

Sumber : Indeks Harga Pengeluar Pengeluaran Tempatan (2010 = 100)
 Source : Producer Price Index Local Production (2010 = 100)

19a Statistik Guna Tenaga Sektor Perlombongan dan Pengkuarian mengikut Kemahiran - Tahunan
Employment Statistics of Mining and Quarrying Sector by Skill - Annually

| Keterangan <i>Description</i> | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 ^P |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| (A) Bilangan ('000 orang) <i>Total ('000 persons)</i> | | | | | | | | | |
| Mahir <i>Skilled</i> | 24.2 | 24.1 | 24.5 | 24.6 | 24.7 | 24.2 | 23.5 | 23.2 | 23.4 |
| Separuh Mahir <i>Semi-skilled</i> | 47.1 | 46.6 | 47.1 | 47.1 | 47.3 | 45.3 | 44.6 | 46.1 | 47.0 |
| Berkemahiran Rendah <i>Low-skilled</i> | 10.8 | 10.1 | 10.1 | 10.1 | 10.3 | 9.4 | 9.4 | 9.7 | 9.6 |
| Jumlah <i>Total</i> | 82.1 | 80.8 | 81.6 | 81.7 | 82.2 | 78.9 | 77.4 | 79.1 | 80.1 |
| (B) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | | | | |
| Mahir <i>Skilled</i> | 29.4 | 29.8 | 30.0 | 30.1 | 30.0 | 30.7 | 30.3 | 29.4 | 29.3 |
| Separuh Mahir <i>Semi-skilled</i> | 57.4 | 57.7 | 57.7 | 57.6 | 57.5 | 57.3 | 57.6 | 58.3 | 58.7 |
| Berkemahiran Rendah <i>Low-skilled</i> | 13.2 | 12.5 | 12.3 | 12.3 | 12.5 | 12.0 | 12.1 | 12.3 | 12.0 |
| Jumlah <i>Total</i> | 100.0 |

Sumber : Statistik Guna Tenaga Suku Tahunan
Source : Quarterly Employment Statistics

Nota / Notes :

^P Awalan / Preliminary

19b Statistik Guna Tenaga Sektor Perlombongan dan Pengkuarian mengikut Kemahiran - Suku Tahunan
Employment Statistics of Mining and Quarrying Sector by Skill - Quarterly

| Keterangan Description | 2021 | | | | 2022 | | | | 2023 ^P | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| (A) Bilangan ('000 orang) <i>Total ('000 persons)</i> | | | | | | | | | | | | |
| Mahir <i>Skilled</i> | 23.5 | 23.5 | 23.5 | 23.5 | 23.4 | 23.5 | 22.9 | 23.2 | 23.5 | 23.5 | 23.6 | 23.4 |
| Separuh Mahir <i>Semi-skilled</i> | 46.1 | 45.6 | 45.0 | 44.6 | 44.4 | 44.3 | 45.4 | 46.1 | 46.4 | 46.8 | 47.2 | 47.0 |
| Berkemahiran Rendah <i>Low-skilled</i> | 9.5 | 9.4 | 9.4 | 9.4 | 9.3 | 9.4 | 9.6 | 9.7 | 9.7 | 9.6 | 9.5 | 9.6 |
| Jumlah <i>Total</i> | 79.1 | 78.4 | 77.9 | 77.4 | 77.1 | 77.2 | 77.9 | 79.1 | 79.7 | 79.9 | 80.3 | 80.1 |
| (B) Peratusan Sumbangan <i>Percentage Share</i> | | | | | | | | | | | | |
| Mahir <i>Skilled</i> | 29.8 | 29.9 | 30.1 | 30.3 | 30.3 | 30.5 | 29.4 | 29.4 | 29.6 | 29.4 | 29.3 | 29.3 |
| Separuh Mahir <i>Semi-skilled</i> | 58.3 | 58.1 | 57.8 | 57.6 | 57.6 | 57.3 | 58.3 | 58.3 | 58.2 | 58.6 | 58.8 | 58.7 |
| Berkemahiran Rendah <i>Low-skilled</i> | 12.0 | 12.0 | 12.1 | 12.1 | 12.1 | 12.2 | 12.3 | 12.3 | 12.2 | 12.0 | 11.9 | 12.0 |
| Jumlah <i>Total</i> | 100.0 | 100.0 | 100.0 | 100.0 |

Sumber : Statistik Guna Tenaga Suku Tahunan
 Source : Quarterly Employment Statistics

Nota / Notes :
^P Awalan / Preliminary

20a Produktiviti Buruh Sektor Perlombongan dan Pengkuarian - Tahunan
Labour Productivity of Mining and Quarrying Sector - Annually

| Keterangan Description | | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 ^e | 2022 ^p | 2023 |
|--|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-----------|
| (A) Produktiviti Productivity | | | | | | | | | | |
| Nilai Ditambah pada Harga Malar Value Added at Constant Prices | (RM Juta) (RM Million) | 103,059 | 105,368 | 105,838 | 103,557 | 102,887 | 92,879 | 93,717 | 96,199 | 97,199 |
| Jumlah Jam Bekerja Total Hours Worked | (Juta Jam) (Million Hours) | 190 | 190 | 196 | 185 | 185 | 168 | 175 | 181 | 185 |
| Jumlah Pekerja Total Workers | ('000 Orang) ('000 Persons) | 79 | 76 | 81 | 76 | 75 | 74 | 75 | 76 | 76 |
| Nilai Ditambah per Jam Pekerja Value Added per Hour Worked | RM | 541 | 554 | 540 | 558 | 556 | 554 | 537 | 530 | 525 |
| Nilai Ditambah per Pekerja Value Added per Employment | RM | 1,303,562 | 1,380,564 | 1,313,956 | 1,367,042 | 1,363,562 | 1,259,637 | 1,249,966 | 1,267,278 | 1,274,288 |
| (B) Perubahan Peratusan Tahunan Annual Percentage Change | | | | | | | | | | |
| Nilai Ditambah pada Harga Malar Value Added at Constant Prices | | - | 2.2 | 0.4 | -2.2 | -0.6 | -9.7 | 0.9 | 2.6 | 1.0 |
| Jumlah Jam Bekerja Total Hours Worked | | - | -0.04 | 2.9 | -5.3 | -0.3 | -9.4 | 4.2 | 3.9 | 2.0 |
| Jumlah Pekerja Total | | - | -3.5 | 5.5 | -6.0 | -0.4 | -2.3 | 1.7 | 1.2 | 0.5 |
| Nilai Ditambah per Jam Pekerja Value Added per Hour Worked | | - | 2.3 | -2.4 | 3.3 | -0.4 | -0.3 | -3.2 | -1.2 | -0.9 |
| Nilai Ditambah per Pekerja Value Added per Employment | | - | 5.9 | -4.8 | 4.0 | -0.3 | -7.6 | -0.8 | 1.4 | 0.6 |

Sumber : Produktiviti Buruh Suku Tahunan
Source : Quarterly Labour Productivity

Nota / Notes :

^e Anggaran / Estimate

^p Awalan / Preliminary

20b Produktiviti Buruh Sektor Perlombongan dan Pengkuarian - Suku Tahunan
Labour Productivity of Mining and Quarrying Sector - Quarterly

| Keterangan Description | 2021 ^e | | | | 2022 ^p | | | | 2023 | | | | |
|---|---------------------------------------|---------|---------|---------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV | |
| (A) Produktiviti Productivity | | | | | | | | | | | | | |
| Nilai Ditambah pada Harga Malar Value Added at Constant Prices | (RM Juta) (RM Million) | 24,630 | 24,073 | 21,207 | 23,807 | 24,087 | 23,666 | 23,133 | 25,314 | 24,675 | 23,128 | 23,113 | 26,283 |
| Jumlah Jam Bekerja Total Hours Worked | (Juta Jam) (Million Hours) | 44 | 43 | 44 | 45 | 45 | 45 | 46 | 46 | 46 | 47 | 46 | 47 |
| Jumlah Pekerja Total Workers | ('000 Orang) (‘000 Persons) | 74 | 74 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| Nilai Ditambah per Jam Pekerja Value Added per Hour Worked | RM | 564 | 566 | 486 | 531 | 531 | 531 | 506 | 553 | 540 | 495 | 503 | 563 |
| Nilai Ditambah per Pekerja Value Added per Employment | RM | 333,475 | 323,649 | 279,934 | 313,635 | 317,764 | 312,671 | 304,286 | 332,521 | 323,940 | 303,180 | 302,703 | 344,483 |
| (B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year | | | | | | | | | | | | | |
| Nilai Ditambah pada Harga Malar Value Added at Constant Prices | | -3.3 | 12.6 | -3.6 | -0.9 | -2.2 | -1.7 | 9.1 | 6.3 | 2.4 | -2.3 | -0.1 | 3.8 |
| Jumlah Jam Bekerja Total Hours Worked | | -2.5 | 22.6 | -7.3 | 9.3 | 3.9 | 4.8 | 4.8 | 2.0 | 0.9 | 4.7 | 0.4 | 2.0 |
| Jumlah Pekerja Total Workers | | -0.8 | -0.2 | -2.3 | 11.0 | 2.6 | 1.8 | 0.4 | 0.3 | 0.5 | 0.8 | 0.4 | 0.2 |
| Nilai Ditambah per Jam Pekerja Value Added per Hour Worked | | -0.8 | -8.2 | 4.0 | -9.3 | -5.9 | -6.2 | 4.1 | 4.2 | 1.6 | -6.7 | -0.4 | 1.8 |
| Nilai Ditambah per Pekerja Value Added per Employment | | -2.4 | 12.8 | -1.4 | -10.7 | -4.7 | -3.4 | 8.7 | 6.0 | 1.9 | -3.0 | -0.5 | 3.6 |

Sumber : Produktiviti Buruh Suku Tahunan
Source : Quarterly Labour Productivity

Nota / Notes :

^e Anggaran / Estimate

^p Awalan / Preliminary

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BAHAGIAN
PART **3**



NOTA TEKNIKAL
TECHNICAL NOTES

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A. PENDAHULUAN

Penerbitan ini mengandungi statistik pengeluaran, jualan, harga, eksport dan import berkaitan minyak mentah & kondensat dan gas asli. Selain itu, indikator makroekonomi yang merangkumi Keluaran Dalam Negeri Kasar (KDNK), Indeks Pengeluaran Perindustrian (IPP), Indeks Harga Pengeluar (IHPR) serta statistik guna tenaga dan produktiviti buruh turut dilaporkan dalam penerbitan ini.

B. SUMBER STATISTIK

Statistik yang diterima daripada Petrolia Nasional Berhad (PETRONAS), Malaysia Thailand Joint Authority (MTJA) dan statistik yang disusun oleh Jabatan Perangkaan Malaysia (DOSM).

C. KONSEP DAN DEFINISI

Konsep dan definisi yang digunakan berasaskan kepada syor *International Recommendation for Industrial Statistics, 2008* oleh *United Nations Statistics Division* dan *Joint Organisations Data Initiative* (JODI). Konsep tersebut adalah mengikut amalan yang telah diterima pakai dan dengan itu memudahkan perbandingan data di peringkat antarabangsa.

Takrif perlombongan yang digunakan adalah seperti berikut:

“Perlombongan adalah ditakrifkan sebagai pengekstrakan, pembersihan dan pemanfaatan mineral-mineral semulajadi, berbentuk pepejal seperti arang batu dan bijih, cecair seperti minyak mentah dan berbentuk gas seperti gas asli. Perlombongan termasuk lombong bawah tanah dan lombong permukaan, kuari dan telaga-telaga dan semua kegiatan tambahan untuk pembersihan dan pemanfaatan bijih dan mineral mentah lain seperti pemecahan, penapisan, pembasuhan, pembersihan, penggredan, pengilangan, pengapungan, peleburan, penggentelan, pengkacipan dan persiapan-persiapan lain yang diperlukan bagi menyediakan bahan-bahan ini untuk membolehkannya dipasarkan. Aktiviti perlombongan juga dikelaskan kepada kumpulan-kumpulan berdasarkan mineral utama yang dikeluarkan”.

1. Minyak Mentah

Satu campuran hidrokarbon yang wujud dalam bentuk cecair dalam takungan bawah tanah semula jadi dan kekal sebagai cecair pada tekanan atmosfera selepas melalui kaedah pemisahan permukaan.

2. Kondensat

Hidrokarbon dalam bentuk gas di bawah takungan dan bertukar menjadi cecair apabila dibawa ke permukaan bumi dan bebas daripada suhu dan tekanan yang tinggi.

3. Gas asli

Gas asli adalah cecair atau cecair hidrokarbon yang diperolehi daripada gas asli semasa proses pengasingan atau loji pemprosesan gas. Gas asli cecair termasuk etana, propana, butana (normal dan iso-), (iso) pentana dan pentana ditambah (juga dirujuk sebagai gasolin semula jadi atau kondensat tumbuhan). Gas asli boleh diklasifikasikan seperti berikut:

i. Gas bersekutu

Gas asli yang dikenali sebagai *gas-caps* yang terletak di atas dan bersekali dengan minyak dalam takungan.



ii. Gas tidak bersekutu

Gas asli yang tidak bersekali dengan minyak mentah dalam takungan.

4. Gas Petroleum Cecair (LPG)

Gas petroleum cecair (LPG) adalah nama generik bagi propana dan butana komersial. Gas ini dihasilkan daripada kilang pemprosesan gas asli atau dari kilang penapisan.

LPG wujud secara semula jadi sebagai gas pada tekanan atmosfera. LPG mempunyai kaedah khas untuk menjadi cecair pada suhu atmosfera jika dimampatkan dengan sederhana, dengan mudah ia boleh ditukar dari cecair ke gas pada tekanan atmosfera. Bagi memudahkan pengangkutan dan penyimpanan, LPG biasanya dibotolkan dalam keadaan cecair (kira-kira 250 kali lebih padat daripada bentuk gas), walau bagaimanapun propana boleh dibekalkan secara pukal untuk tangki simpanan di premis pengguna.

LPG digunakan secara domestik, terutamanya untuk tujuan pemanasan dan memasak serta perindustrian, contohnya sebagai bahan mentah untuk industri petrokimia. Ia juga semakin digunakan dalam sektor pengangkutan sebagai bahan api kenderaan, kerana sifat-sifat pembakaran bersih dan harga yang lebih rendah.

5. Gasolin

i. Gasolin motor

Gasolin motor adalah bahan api utama yang digunakan dalam sektor pengangkutan/jalan dan kira-kira 25 peratus daripada jumlah penggunaan minyak di dunia.

Gasolin motor adalah campuran kompleks hidrokarbon yang tidak menentu yang digunakan untuk *internal spark-ignition engines*. Gasolin dihasilkan di kilang hasil daripada penyulingan utama minyak mentah dan proses selanjutnya, termasuk mengubah struktur molekul, sehingga memenuhi spesifikasi yang diperlukan. Ciri-ciri gasolin yang dihasilkan bergantung kepada jenis minyak mentah yang digunakan dan persediaan kilang di mana ia dihasilkan.

Gasolin motor mungkin termasuk beberapa kuantiti bahan tambahan dan komponen campuran untuk memperbaiki sifat-sifat bahan api seperti contohnya *octane number*, kestabilan dan pembentukan deposit dalam enjin.

ii. Gasolin penerbangan

Gasolin penerbangan adalah campuran beberapa sebatian hidrokarbon yang berbeza. Keperluan spesifikasi untuk gasolin penerbangan, terutamanya adalah *anti-knock*, ketidakstabilan, kecairan, kestabilan, kehakisan dan kebersihan menetapkan batasan terperinci pada bahan-bahan yang boleh digunakan.

6. Minyak Bahan Api

Minyak bahan api adalah produk campuran berdasarkan sisa dari pelbagai penapisan, penyulingan dan proses pemecahan. Ia adalah cecair likat dengan sifat bau dan ia memerlukan pemanasan untuk penyimpanan dan pembakaran. Minyak bahan api berat digunakan dalam medium untuk industri kilang besar, aplikasi marin dan stesen kuasa dalam peralatan pembakaran seperti dandang, relau dan enjin diesel.



7. Minyak Diesel/gas

Minyak diesel/gas adalah minyak bahan api ringan yang disuling semasa proses penapisan dan digunakan terutamanya untuk pemanasan, tujuan automotif dalam enjin diesel dan penjanaan kuasa.

Dua jenis minyak diesel/gas yang utama dibezakan dari segi kegunaannya:

i. Pengangkutan diesel

Bahan api yang digunakan untuk pembakaran dalam enjin diesel di jalan raya, kereta, lori dan lain-lain, biasanya kandungan sulfur adalah rendah.

ii. *Heating oil* dan minyak gas lain

Minyak bahan api sulingan yang terutamanya digunakan dalam *stationary* atau *marine diesel engines*. Ia termasuk *light heating oil* yang digunakan untuk ruang pemanasan kediaman atau komersial, atau dalam industri kilang. Ia juga termasuk diesel marin untuk kegunaan tongkang dan bot enjin dan minyak gas berat lain yang boleh digunakan sebagai stok bahan petrokimia.

8. Minyak Pelincir Campuran

Minyak pelincir campuran adalah hidrokarbon yang dihasilkan daripada sulingan mengikut produk dan digunakan terutamanya untuk mengurangkan geseran antara permukaan *bearing* pada kenderaan. Minyak ini termasuk semua gred minyak pelincir akhir, dari minyak gelendong (*spindle*) sehingga minyak silinder, serta yang digunakan di dalam gris, termasuk minyak motor dan semua gred minyak pelincir asas.

9. Minyak Tanah

i. Kerosin jet

Merupakan sulingan yang digunakan untuk unit kuasa turbin penerbangan. Ia mempunyai ciri-ciri yang sama di antara penyulingan 150°C dan 300°C (biasanya tidak melebihi 250°C) dan titik kilat seperti minyak tanah. Di samping itu, ia mempunyai spesifikasi tertentu (seperti titik beku) yang ditubuhkan oleh Persatuan Pengangkutan Udara Antarabangsa (IATA).

ii. Lain-lain minyak tanah

Penyulingan sederhana minyak antara 150°C dan 300°C, sekurang-kurangnya 65 peratus daripada jumlah sulingan pada 250°C. Gravitinya adalah kira-kira 0.80 dan titik kilat adalah melebihi 38°C. Ia digunakan sebagai cahaya dan bahan api dalam beberapa jenis enjin *spark-ignition*, seperti yang digunakan untuk traktor pertanian dan enjin pegun. Nama-nama lain untuk produk ini adalah pembakaran minyak, pemeluwapan minyak, *power kerosene* dan *illuminating oil*.

10. Nafta

Nafta adalah bahan mentah yang digunakan sama ada untuk industri petrokimia (cth: pengeluaran etilena atau pengeluaran aromatik) atau untuk pengeluaran gasolin oleh proses *reforming* atau *isomeration* dalam penapisan. Nafta terdiri daripada bahan dalam peringkat penyulingan 30°C dan 210°C atau sebahagian daripada selang ini.



11. Purata Harga 'Lifting' Berpemberat

Harga purata 'lifting' berpemberat Minyak mentah dan kondensat adalah harga yang diwartakan.

12. Minyak Mentah West Texas Intermediate (WTI)

Aliran minyak mentah yang dihasilkan di Texas dan Oklahoma Selatan yang berfungsi sebagai rujukan atau "penanda aras" untuk menetapkan harga beberapa aliran minyak mentah lain dan yang didagangkan dalam pasaran tempatan domestik di Cushing, Oklahoma.

13. Minyak Mentah Brent

Sejenis mentah campuran yang dihasilkan di kawasan Laut Utara United Kingdom yang berfungsi sebagai rujukan atau "penanda aras" untuk menetapkan harga beberapa aliran minyak mentah lain.

14. Henry Hub

Hab saluran paip di pantai Teluk Louisiana. Ia adalah pusat penghantaran untuk kontrak perniagaan gas asli masa hadapan di *New York Mercantile Exchange (NYMEX)*.

15. Eksport Negara Destinasi

Sesuatu barang (keluaran atau buatan tempatan atau diimport untuk dieksport semula) dianggap sebagai eksport apabila ianya dibawa keluar dari negara.

Eksport dikelaskan mengikut negara destinasi, iaitu negara di mana barangan itu dijangka akan digunakan; berdasarkan sejauh mana maklumat ini dapat ditentukan pada masa ianya dieksport. Bagi barangan yang dihantar dengan *optional bill of lading*, negara di mana pelabuhan pertama diketahui akan dikira sebagai negara yang dituju. Bagi barangan yang dieksport melalui Singapura, jika maklumat mengenai negara yang ditujunya tidak dapat ditentukan, maka eksport berkenaan adalah dimasukkan di bawah nilai eksport ke Singapura, iaitu di bawah kategori yang sama seperti barangan yang digunakan di Singapura.

16. Import mengikut Negara Asal

Sesuatu barang dianggap sebagai import apabila ianya dibawa masuk ke dalam negara, sama ada terus ataupun disimpan di gudang-gudang yang dikawal tanpa mengira sama ada barang tersebut adalah untuk kegunaan sendiri, diproses, digunakan dalam perkilangan ataupun untuk dieksport semula ke negara lain.

Import dikelaskan mengikut negara asal barangan, iaitu negara di mana barangan itu dibentuk dengan lengkap seperti mana ianya diimport masuk ke dalam negara. Bagi barangan melalui Singapura, jika maklumat negara asalnya tidak dapat ditentukan, maka import berkenaan dimasukkan di bawah nilai import dari Singapura, iaitu di bawah kategori yang sama seperti barangan yang dibuat di Singapura.



17. Keluaran Dalam Negeri Kasar

Keluaran Dalam Negeri Kasar (KDNK) adalah jumlah nilai barangan dan perkhidmatan yang dikeluarkan dalam tempoh tertentu selepas ditolak kos barang dan perkhidmatan yang digunakan dalam proses pengeluaran. Nilai ini merupakan nilai sebelum ditolak nilai peruntukan bagi modal tetap; iaitu jumlah nilai ditambah pada harga pengeluar bagi pengeluar residen ditambah dengan duti import. KDNK ini juga bersamaan dengan perbelanjaan ke atas KDNK (pada harga pembeli) iaitu jumlah bagi semua komponen perbelanjaan akhir ke atas barangan dan perkhidmatan tolak dengan import barangan dan perkhidmatan.

KDNK boleh diukur dengan menggunakan tiga kaedah iaitu Kaedah Pengeluaran, Perbelanjaan dan Pendapatan. Namun begitu, penerbitan KDNK DOSM hanya menggunakan Kaedah Pengeluaran dan Perbelanjaan sahaja.

18. Indeks Pengeluaran Perindustrian Malaysia (2015=100)

Indeks Pengeluaran Perindustrian Malaysia (IPP) adalah untuk mengukur kadar perubahan sebenar pengeluaran komoditi perindustrian bagi satu tempoh masa. IPP merangkumi tiga sektor utama iaitu Perlombongan, Pembuatan dan Elektrik. Liputan ini adalah selaras dengan definisi sektor perindustrian dalam *International Recommendations for the Index of Industrial Production (IRIIP) 2010* yang dikeluarkan oleh *United Nations*.

19. Indeks Harga Pengeluar Pengeluaran Tempatan (2010=100)

Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan adalah untuk mengukur purata perubahan harga yang dikenakan oleh pengeluar barangan dalam sesuatu industri. IHPR yang merupakan indeks berasaskan output ini juga merupakan penunjuk ekonomi makro yang digunakan bagi memantau pergerakan harga output tempatan dan sering dilihat sebagai penunjuk awalan kepada Indeks Harga Pengguna.

20. Pekerja

Semua orang yang bekerja sekurang-kurangnya sejam semasa minggu rujukan untuk mendapatkan upah, keuntungan atau keuntungan keluarga sama ada sebagai majikan, pekerja, bekerja sendiri atau pekerja keluarga tanpa gaji. Mereka juga dianggap bekerja jika:

- i. Tidak bekerja semasa minggu rujukan disebabkan sakit, kecederaan, tiada upaya, cuaca buruk, bercuti, pertelingkahan buruh dan sebab-sebab sosial atau keagamaan tetapi mempunyai pekerjaan, ladang, perusahaan atau perusahaan keluarga lain untuk kembali bekerja.
- ii. Tidak bekerja buat sementara waktu tetapi bergaji dan pasti akan dipanggil bekerja semula.
- iii. Mereka yang bekerja kurang 30 jam seminggu semasa minggu rujukan disebabkan keadaan kerja atau kerja yang tidak mencukupi.
- iv. Mereka yang bekerja dalam keadaan guna tenaga tidak penuh:
 - Guna tenaga tidak penuh berkaitan masa merupakan kumpulan yang bekerja kurang daripada 30 jam semasa minggu rujukan disebabkan keadaan kerja atau kerja yang tidak mencukupi dan berkeupayaan serta sanggup menerima tambahan bilangan jam bekerja.



- Guna tenaga tidak penuh berkaitan kemahiran mereka yang mempunyai pendidikan tertiar dan bekerja dalam kategori separuh mahir dan berkemahiran rendah.
 - Mereka yang bekerja lebih daripada 30 jam semasa minggu rujukan merupakan guna tenaga penuh.
- v. Bekerja semasa menjalani latihan atau aktiviti peningkatan kemahiran yang diperlukan oleh pekerjaan contohnya mereka yang mengikuti program *Reskilling and Upskilling*. (merujuk laporan III, ICLS 19th).
- vi. Perantis atau pelatih yang menerima bayaran tunai atau barangan seperti pelajar praktikal yang berbayar. (merujuk laporan III, ICLS 19th).

21. Kategori Kemahiran

Kategori kemahiran telah dikelaskan semula kepada tiga tahap kemahiran seperti berikut:

| Kemahiran | MASCO 2013 |
|---------------------|--|
| Mahir | 1. Pengurus 2. Profesional 3. Juruteknik dan profesional bersekutu |
| Separuh Mahir | 1. Pekerja sokongan perkeranian 2. Pekerja perkhidmatan dan jualan 3. Pekerja mahir pertanian, perhutanan, penternakan, dan perikanan 4. Pekerja kemahiran dan pekerja pertukangan yang berkaitan 5. Operator mesin dan loji, dan pemasang |
| Berkemahiran Rendah | 1. Pekerja asas |

22. Produktiviti Buruh per Pekerja

Produktiviti buruh per pekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (pekerja).

Ia menggambarkan jumlah output yang dihasilkan oleh setiap orang yang bekerja sepenuh masa, separuh masa, bekerja sendiri atau pekerja keluarga tanpa gaji yang bekerja sekurang-kurangnya satu jam dalam seminggu. Pekerja merujuk kepada keseluruhan pekerja pada akhir tempoh rujukan.

23. Produktiviti Buruh per Jam Bekerja

Produktiviti buruh per jam bekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (jumlah jam bekerja). Ia menggambarkan jumlah output yang dihasilkan dalam tempoh sejam berdasarkan kategori pekerja yang bekerja sepenuh masa, separuh masa, bekerja sendiri atau pekerja keluarga tanpa gaji yang bekerja sekurang-kurangnya satu jam dalam seminggu.



Pekerja merujuk kepada keseluruhan pekerja kecuali mereka yang tidak bekerja pada akhir tempoh rujukan kerana sakit, kecederaan, hilang upaya, cuaca buruk, cuti, pertikaian buruh dan sebab sosial atau agama.

D. KLASIFIKASI

Klasifikasi sektor Perlombongan dan pengkuarian adalah berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0 (Rujuk Lampiran).

E. PINDAAN

Pindaan akan dibuat ke atas angka yang telah diterbitkan berdasarkan data terkini yang diperolehi.



A. INTRODUCTION

This publication provides a statistics on production, sales, prices, exports and imports of crude oil & condensate and natural gas. In addition, macroeconomic indicators which include Gross Domestic Product (GDP), Industrial Production Index (IPI), Producer Price Index (PPI) as well as employment and labour productivity statistics are also reported to complete the statistics in this publication.

B. SOURCES OF STATISTICS

Statistics obtained from Petroliam Nasional Berhad (PETRONAS), Malaysia Thailand Joint Authority (MTJA) and statistics compiled by Department of Statistics Malaysia (DOSM).

C. CONCEPTS AND DEFINITIONS

The concepts and definitions used are based on the International Recommendation for Industrial Statistics, 2008 by United Nations Statistics Division and the Joint Organisations Data Initiative (JODI). These concept are in accordance with the practices that have been adopted and thus facilitates the comparison of data internationally.

The definition of mining used is as follows:

“Mining is defined as the extraction, dressing and beneficiating of minerals occurring naturally as solids, such as coal and ores, liquids, such as crude oil, or gases, such as natural gas. Mining also includes underground and surface mines, quarries and wells and all supplemental activities for dressing and beneficiating ores and other crude minerals such as crushing, screening, washing, cleaning, grading, milling, flotation, melting, pelleting, topping and other preparations needed to render the material marketable. Mining activities are classified into groups on the basis of the principal mineral produced.”

1. Crude Oil

A mixture of hydrocarbons that exist in liquid form in a natural underground reservoir and remain as a liquid at atmospheric pressure after going through the surface separation method.

2. Condensate

Hydrocarbons are in the form of gases below the reservoir and turn into liquids when brought to the earth’s surface and are free from high temperatures and pressures.

3. Natural gas

Natural gas is liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants. Liquefied natural gas includes ethane, propane, butane (normal and iso-), (iso) pentane and pentanes plus (sometimes referred to as natural gasoline or plant condensate). Natural gas can be classified as follows:

i. Associated gas

Natural gas known as gas-caps are located above and along with the oil in the reservoir.

ii. Non-associated gas

Natural gas that is not mixed with crude oil in the reservoir.



4. **Liquefied Petroleum Gas (LPG)**

Liquefied petroleum gas (LPG) is the generic name for commercial propane and commercial butane. It can be produced from natural gas processing plants, oil refineries and in natural gas liquefaction plants.

LPG occurs naturally as gas at atmospheric pressure. It has the special property of becoming liquid at atmospheric temperature if moderately compressed and can easily be converted from liquid into gas by being released to atmospheric pressure. In order to facilitate transport and storage, LPG is usually bottled in liquid state (about 250 times more dense than in its gaseous form), propane however can also be supplied in bulk for storage tanks at consumers' premises.

LPG is used domestically, mainly for heating and cooking purposes and industrially for example as feedstock to the petrochemical industry. It is also increasingly used in the transport sector as vehicle fuel, because of its cleaner burning properties and often lower end-use price.

5. **Gasoline**

i. Motor gasoline

Motor gasoline is the principal fuel used in the transport/road sector and accounts for some 25 per cent of total oil use in the world.

Motor gasoline is a complex mixture of relatively volatile hydrocarbons used for spark-ignition internal combustion engines. Gasoline is produced in refineries as the result of primary distillation of crude oil and then further processing, including changing the molecular structure, until the required specifications are met. The characteristics of the gasoline produced depend on the type of crude oil that is used and the setup of the refinery at which it is produced.

Motor gasoline may include some quantities of additives and blending components to improve fuel properties such as octane number, stability and deposit formation in engines.

ii. Aviation gasoline

Aviation gasoline is a mixture of many different hydrocarbon compounds. The specification requirements for aviation gasoline, especially anti-knock, volatility, fluidity, stability, corrosiveness, and cleanliness impose severe limitations on the compounds that can be used.

6. **Fuel Oil**

Fuel oil is a blended product based on the residues from various refinery distillation and cracking processes. It is a viscous liquid with a characteristic odour and it requires heating for storage and combustion. Fuel oil is used in medium to large industrial plants, marine applications and power stations in combustion equipment such as boilers, furnaces and diesel engines.



7. Gas/diesel Oil

Gas/diesel oil is a lighter fuel oil distilled off during the refining process and used primarily for heating, automotive purposes in diesel engines and for power generation. Two main types are distinguished by their uses:

i. Transport diesel

Fuel used for internal combustion in on-road diesel engines, cars, trucks and etc., usually of low sulphur content.

ii. Heating oil and other gas oil

This is a distillate fuel oil used mainly in stationary or marine diesel engines. It includes light heating oil which is used for residential or commercial space heating, or in industrial plants. It also includes marine diesel which is used for barge and boat engines and other heavier gas oils which may be used as petrochemical feed stocks.

8. Blended Lubricating Oil

Blended lubricating oil is hydrocarbons produced from distillate by product and they are mainly used to reduce friction between bearing surfaces. This category includes all finished grades of lubricating oil, from spindle oil to cylinder oil, and those used in grease, including motor oils and all grades of lubricating oil base stocks.

9. Kerosenes

i. Kerosene type jet fuel

This is a distillate used for aviation turbine power units. It has the same distillation characteristics between 150°C and 300°C (generally not above 250°C) and has flash point as kerosene. In addition, it has particular specifications (such as freezing point) which are established by the International Air Transport Association (IATA).

ii. Other kerosene

Medium distillation of oil between 150°C and 300°C, at least 65 per cent of the total distillation at 250°C. Its gravity is about 0.80 and the flash point is above 38°C. It is used as light and fuel in some types of spark-ignition engines, such as those used for agricultural tractors and stationary engines. Other names for this product are burning oil, vaporizing oil, power kerosene and illuminating oil.

10. Naphtha

Naphtha is a raw material used either for the petrochemical industry (e.g. ethylene production or aromatic production) or for the production of gasoline by reforming or isomerization processes in refining. Naphtha consists of substances in distillation stages of 30°C and 210°C or part of this interval.

11. Weighted Average Lifting Price (WALP)

Weighted Average Lifting Price (WALP) of Crude oil and condensate are gazetted prices.

12. West Texas Intermediate (WTI) Crude Oil

A crude stream produced in Texas and southern Oklahoma which serves as a reference or "marker" for pricing a number of other crude streams and which is traded in the domestic spot market at Cushing, Oklahoma.

**13. Brent Crude Oil**

A blended crude stream produced in the North Sea region of United Kingdom which serves as a reference or "marker" for pricing a number of other crude streams.

14. Henry Hub

A pipeline hub on the Louisiana Gulf coast. It is the delivery point for the natural gas futures contract on the New York Mercantile Exchange (NYMEX).

15. Exports by Country of Destination

Goods (locally produced or manufactured or imported for subsequent re-exports) are regarded as exports when they are taken out of the country.

Exports are classified according to the country of destination, that is the country where it is expected that the goods will be consumed insofar as this can be ascertained at the time of export. In the case of goods shipped on an optional bill of lading, the country of the first port declared is taken as the country of destination. For goods exported via Singapore, if information regarding the country of destination of goods is not known/available, such exports are included under the value of exports to Singapore that is under the same category as goods consumed in Singapore.

16. Imports by Country of Origin

Goods are regarded as imports when they are brought into the country either directly or into bonded warehouses, irrespective of whether such goods are for consumption, to be processed, use in manufacturing or subsequent re-exports to other countries.

Imports are classified according to the country of origin of the goods, that is the country where the goods are given the final form in which they are imported into the country. For goods imported via Singapore, if information regarding the country of origin cannot be ascertained, such imports are included under the value of imports from Singapore, that is under the same category as goods produced/manufactured in Singapore.

17. Gross Domestic Product (GDP)

GDP is the total value of all goods and services produced in a certain period after deducting the cost of goods and services used up in the process of production. This value is before deducting the allowances for consumption of fixed capital i.e. the sum of value added of resident producer in producer's price plus import duties. GDP is equivalent to expenditure on the GDP (in purchaser's price) i.e. the sum of all components of final expenditure on goods and services less imports of goods and services.

GDP can be measured by using three approaches namely Production, Expenditure and Income Approach. However, the DOSM publication only presents Production and Expenditure Approach.

18. Industrial Production Index, Malaysia (2015=100)

Industrial Production Index, Malaysia (IPI) is to measure the rate of change in the production of industrial commodities in real terms over time. The IPI covers three major sectors namely Mining, Manufacturing and Electricity. This coverage is in line with the industrial sector definition in the International Recommendations for the Index of Industrial Production (IRIIP) 2010 issued by the United Nations.



19. Producer Price Index Local Production (2010=100)

Producer Price Index (PPI) local production is to measures the average changes in price of commodities charged by domestic producers of an industry. The PPI, which is an output-based index, is also a macroeconomic indicator used to monitor the price movements of local outputs and is often viewed as a leading indicator of Consumer Price Index.

20. Persons Engaged

All persons who, at any time during the reference week worked at least one hour for pay, profit or family gain either as an employer, employee, own-account worker or unpaid family worker. They are also considered as employed if they:

- i. Did not work during the reference week because of illness, injury, disability, bad weather, leave, labour dispute and social or religious reasons but had a job, farm, enterprise or other family enterprise to return to.
- ii. Were temporary laid-off with pay and would definitely be called back to work.
- iii. Were employed less than 30 hours per week during the reference week because of the nature of their work.
- iv. Were employed in the category of underemployment:
 - Time-related underemployment were a group of people who employed less than 30 hours during the reference week because of the nature of their work or due to insufficient work and are able and willing to accept additional hours of work.
 - Skill-related underemployment were those with tertiary education and working in the semi-skilled and low-skilled categories
 - Persons who were employed more than 30 hours during the reference week are considered to be in full employment.
- v. Person who works for pay or profit while on training or skills-enhancement activities required by the job or for another job for example those who follow Reskilling and Upskilling programs. This refers to the 19th International Conference of Labour Statisticians (ICLS).
- vi. Apprentices, interns or trainees who work for pay in cash or in kind such paid practical students. This also refers to the 19th ICLS.

21. Category of Skill

The category of skill is regrouped into three levels of skill as follows:

| Skill | MASCO 2013 |
|--------------|---|
| Skilled | 1. Managers 2. Professionals 3. Technicians and associate professionals |
| Semi-skilled | 1. Clerical support workers 2. Service and sales workers 3. Skilled agricultural, forestry, livestock and fishery workers 4. Craft and related trades workers 5. Plant and machine operators and assemblers |
| Low-skilled | 1. Elementary occupations |

**22. Labour Productivity per Employment**

Labour productivity per employment is measured as the ratio of output (goods and services) to input (employment).

It reflects the amount of output produced by each employee in full-time, part-time, or self-employed or unpaid family worker for at least one hour within a week. Employment refers to the overall number of employees at the end of the reference period.

23. Labour Productivity per Hour Worked

Labour productivity per hour worked is defined as the ratio of output (goods and services) to input (total working hours). It reflects the amount of output produced within an hour based on the category of employees either in full-time, part-time or self-employed or unpaid family worker who worked for at least one hour within a week.

Employment refers to the overall number of employees excluding the employees who did not work during the reference period because of illness, injury, disability, bad weather, leave, labour dispute and social or religious reasons.

D. CLASSIFICATION

The Classification of Mining and quarrying sector is based on Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0 (Refer Appendix).

E. REVISION

Revisions will be made to the published figures based on the latest data available.

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LAMPIRAN

APPENDIX

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Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0
Malaysia Standard Industrial Classification 2008 Ver. 1.0

| Kumpulan | Perkara | Keterangan | Description |
|-----------------|----------------|---|---|
| Group | Details | | |
| 051 | | Perlombongan batu arang pepejal | Mining of hard coal |
| | 05100 | Perlombongan batu arang pepejal | Mining of hard coal |
| 052 | | Perlombongan lignit | Mining of lignite |
| | 05200 | Perlombongan lignit (batu arang perang) | Mining of lignite (brown coal) |
| 061 | | Pengekstrakan petroleum mentah | Extraction of crude petroleum oils |
| | 06101 | Pengekstrakan minyak petroleum mentah | Extraction of crude petroleum oils |
| | 06102 | Pengekstrakan bitumen atau minyak batu syal dan pasir tar | Extraction of bituminous or oil shale and tar sand |
| | 06103 | Pengeluaran petroleum mentah daripada batu syal dan pasir berbitumen | Production of crude petroleum from bituminous shale and sand |
| | 06104 | Proses mendapatkan minyak mentah | Processes to obtain crude oils |
| 062 | | Pengekstrakan gas asli | Extraction of natural gas |
| | 06201 | Pengeluaran hidrokarbon mentah bergas (gas asli) | Production of crude gaseous hydrocarbon (natural gas) |
| | 06202 | Pengekstrakan kondensat | Extraction of condensates |
| | 06203 | Penyaliran dan pemisahan komponen hidrokarbon cecair | Draining and separation of liquid hydrocarbon fractions |
| | 06204 | Penyahsulfuran gas | Gas desulphurization |
| | 06205 | Perlombongan cecair hidrokarbon, diperolehi melalui pencairan atau penguraian kimia (pirolisis) | Mining of hydrocarbon liquids, obtain through liquefaction or pyrolysis |
| 071 | | Perlombongan bijih besi | Mining of ores |
| | 07101 | Perlombongan bijih yang tinggi kandungan besi | Mining of ores valued chiefly for iron content |
| 072 | | Perlombongan bijih logam bukan besi (non-ferrous) | Mining of non-ferrous metal ores |
| | 07210 | Perlombongan bijih uranium dan torium | Mining of uranium and thorium ores |
| | 07291 | Perlombongan bijih timah | Mining of tin ores |
| | 07292 | Perlombongan tembaga | Mining of copper |
| | 07293 | Perlombongan bauksit (aluminium) | Mining of bauxite (aluminium) |
| | 07294 | Perlombongan ilmenit | Mining of ilmenite |
| | 07295 | Perlombongan emas | Mining of gold |
| | 07296 | Perlombongan perak | Mining of silver |
| | 07297 | Perlombongan platinum | Mining of platinum |
| | 07298 | Pembilasan amang | Amang retreatment |
| | 07299 | Perlombongan bijih logam bukan besi lain | Mining of other non-ferrous metal ores n.e.c. |



Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0
Malaysia Standard Industrial Classification 2008 Ver. 1.0

| Kumpulan Group | Perkara Details | Keterangan | Description |
|-------------------|--------------------|--|--|
| 081 | | Pengkuarian batu, pasir dan tanah liat | Quarrying of stone, sand and clay |
| | 08101 | Pengkuarian, pemotongan kasar bongkah batu dan batu bangunan seperti marmar, granit (batu dimensi), batu pasir | Quarrying, rough trimming and sawing of monumental and building stone such as marble, granite (dimension stone), sandstone |
| | 08102 | Pengkuarian, penghancuran dan pemecahan batu kapur | Quarrying, crushing and breaking of limestone |
| | 08103 | Perlombongan gipsum dan anhidrit | Mining of gypsum and anhydrite |
| | 08104 | Perlombongan kapur dan dolomit yang tidak dirawat | Mining of chalk and uncalcined dolomite |
| | 08105 | Pengekstrakan dan penggorekan bagi industri pasir, pasir untuk sektor pembinaan dan kerikil | Extraction and dredging of industrial sand, sand for construction and gravel |
| | 08106 | Pemecahan dan penghancuran batu dan kerikil | Breaking and crushing of stone and gravel |
| | 08107 | Pengkuarian pasir | Quarrying of sand |
| | 08108 | Perlombongan tanah liat, refraktori tanah liat dan kaolin | Mining of clays, refractory clays and kaolin |
| | 08109 | Pengkuarian, penghancuran dan pemecahan granit | Quarrying, crushing and breaking of granite |
| 089 | | Perlombongan dan pengkuarian t.t.t.l | Mining and quarrying n.e.c |
| | 08911 | Perlombongan fosfat semulajadi | Mining of natural phosphates |
| | 08912 | Perlombongan garam kalium (potassium) semulajadi | Mining of natural potassium saltes |
| | 08913 | Perlombongan sulfur semulajadi | Mining of native sulphur |
| | 08914 | Pengekstrakan dan penyediaan pirit dan pirotit, kecuali penyalaian | Extraction and preparation of pyrites and pyrrhotite, except roasting |
| | 08915 | Perlombongan barium sulfat semulajadi dan karbonat (<i>barite and witherite</i>) | Mining of natural barium sulphate and carbonate (barytes and witherite) |
| | 08916 | Perlombongan borat semulajadi, magnesium sulfat semulajadi (<i>kieserite</i>) | Mining of natural borates, natural magnesium sulphates (<i>kieserite</i>) |
| | 08917 | Perlombongan earth colours, fluorspar dan mineral lain yang tinggi kandungan mineral sebagai sumber kimia | Mining of earth colours, fluorspar and other minerals valued chiefly as a source of chemicals |
| | 08918 | Perlombongan guano | Guano mining |
| | 08921 | Penggalian tanah gambut | Peat digging |
| | 08922 | Pengumpulan tanah gambut | Peat agglomeration |
| | 08923 | Penyediaan tanah gambut untuk pembaikan kualiti atau kemudahan pengangkutan atau penstoran | Preparation of peat to improve quality or facilitate transport or storage |
| | 08931 | Pengektrakan garam dari bawah tanah | Salt extraction from under ground |
| | 08932 | Pengeluaran garam melalui penyejatan air laut atau air masin lain | Salt production by evaporation of sea water or other saline waters |
| | 08933 | Penghancuran, penulenan dan penapisan garam oleh pengeluar | Crushing, purification and refining of salt by the producer |



Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0
Malaysia Standard Industrial Classification 2008 Ver. 1.0

| Kumpulan Group | Perkara Details | Keterangan | Description |
|---------------------------|----------------------------|---|---|
| | 08991 | Perlombongan dan pengkuarian bahan pelelas (bahan kesat) | <i>Mining and quarrying of abrasive materials</i> |
| | 08992 | Perlombongan dan pengkuarian asbestos | <i>Mining and quarrying of asbestos</i> |
| | 08993 | Perlombongan dan pengkuarian fosil bersilika | <i>Mining and quarrying of siliceous fossil meals</i> |
| | 08994 | Perlombongan dan pengkuarian grafit semulajadi | <i>Mining and quarrying of natural graphite</i> |
| | 08995 | Perlombongan dan pengkuarian steatite | <i>Mining and quarrying of steatite (talc)</i> |
| | 08996 | Perlombongan dan pengkuarian batu permata | <i>Mining and quarrying of gemstones</i> |
| | 08999 | Perlombongan dan pengkuarian lain t.t.t.l | <i>Other mining and quarrying n.e.c.</i> |
| 091 | | Aktiviti perkhidmatan sokongan kepada pengekstrakan perlombongan dan pengkuarian | Support activities for mining and quarrying extraction |
| | 09101 | Aktiviti pengekstrakan petroleum dan gas yang dibekalkan atas dasar kontrak atau yuran | <i>Oil and gas extraction service activities provided on a fee or contract basis</i> |
| | 09102 | Perkhidmatan memadam kebakaran di lapangan minyak dan gas | <i>Oil and gas field fire fighting services</i> |
| 099 | | Aktiviti sokongan perlombongan dan pengkuarian lain | Support activities for other mining and quarrying |
| | 09900 | Aktiviti sokongan perlombongan dan pengkuarian lain | <i>Support activities for other mining and quarrying</i> |
| | | Pembuatan kok dan produk petroleum bertapis | Manufacture of coke and refined petroleum |
| 192 | | Pembuatan produk petroleum bertapis | Manufacture of refined petroleum products |
| | 19201 | Pembuatan produk petroleum bertapis | <i>Manufacture of refined petroleum products</i> |
| | 19202 | Pembuatan produk bio-diesel | <i>Manufacture of bio-diesel products</i> |
| | | Perdagangan borong kecuali kenderaan bermotor dan motosikal | Wholesale trade, except of motor vehicle and motorcycles |
| 466 | | Lain-lain pengkhususan jual borong | Other specialized wholesale |
| | 46611 | Jualan borong petrol, diesel, pelincir | <i>Wholesale of petrol, diesel, lubricants</i> |
| | 46612 | Jualan borong gas petroleum cecair | <i>Wholesale of liquefied petroleum gas</i> |
| | 46619 | Jualan borong bahan api pepejal, cecair dan gas dan produk berkaitan t.t.t.l. | <i>Wholesale of other solid, liquid and gaseous fuels and related products n.e.c.</i> |
| | | Perdagangan runcit kecuali kenderaan bermotor dan motosikal | Retail trade, except motor vehicles and motorcycles |
| 473 | | Jualan runcit bahan api kenderaan di stor pengkhususan | Retail sale of automotive fuel in specialized stores |
| | 47300 | Jualan runcit bahan api kenderaan di kedai khusus | <i>Retail sale of automotive fuel in specialized stores</i> |

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ISSN 3009-0695



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